



COUNTY BOROUGH OF OLDHAM

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# REPORT

ON THE

# HEALTH OF OLDHAM

FOR THE YEAR 1923,

BY

JAMES B. WILKINSON,

M.D., C.M., D.P.H.

MEDICAL OFFICER OF HEALTH ;

MEDICAL OFFICER TO THE EDUCATION COMMITTEE ;

MEDICAL SUPERINTENDENT OF WESTHULME AND STRINESDALE HOSPITALS ;

EX-PRESIDENT AND EXAMINER TO THE INSTITUTE OF SANITARY ENGINEERS ;

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## MEMBERS of the HEALTH COMMITTEE, 1923

Mr. Councillor J. Lees, Chairman.

„ „ Wrigley, Vice-Chairman.

The Mayor, Mr. Councillor W. E. Freeman, J.P.

Miss Councillor M. Lees.

Mr. Alderman Simister, J.P.

„ „ Ashton, J.P.

„ „ Low, J.P.

„ Councillor Bolton.

„ „ Marsden.

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## HOSPITALS SUB-COMMITTEE AND INSANITARY DWELLINGS SUB-COMMITTEE.

All the Members of the Committee.



*To the Mayor, Aldermen and Councillors of the  
Oldham Borough Council.*

MISS LEES AND GENTLEMEN

I herewith submit my Annual Report on the work of the Health Department and Hospitals during the year 1923.

In presenting the Report for the past year I cannot refrain from referring to the loss of two very important members of the Committee, one by death and the other by his well earned retirement from the Council.

The death of the Chairman, Councillor John Lees, after a short illness was a great shock to the Department. He had only been on the Health Committee for a short time, but he threw himself with such energy into the work of the Committee that he speedily distinguished himself as a Sanitarian, and one whose intention it was to make the town a healthier one in which to live.

By the retirement from the Council of Mr. Alderman Simister the Committee loses its oldest member and one whose principal energies in the Council were directed towards securing better sanitary conditions for the people. Until last November he had been a member of the Health Committee since the year 1897, and was Chairman from 1901 until 1920, and many of the improved conditions in the town remain as a memorial of his enthusiasm and the energy with which he advocated any development.

The year will also be a notable one from the measures which were officially commenced for the clearance of the largest of the slum areas in the town.

I regret to say that trade has not improved in the town during the year, and unemployment and short time has existed to a very great extent and caused a considerable amount of poverty.

A large number of nuisances and defective conditions have, however, in spite of the adverse circumstances, been remedied. The work in connection with the Infant Welfare has gradually increased, and the instruction given at the centres seems to be much appreciated.

In conclusion, I must express my thanks to the members of the Health Committee for their confidence, and also to the members of my staff for their ready and loyal assistance.

I have the honour to remain,

Your obedient Servant,

JAMES B. WILKINSON,

Health Office,

MEDICAL OFFICER OF HEALTH.

Town Hall,

April, 1924.

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— A —

## *Natural and Social Conditions of the District.*

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The natural conditions of the Borough have been given in previous Reports fairly fully and do not need reiterating in the present Report.

### SOCIAL CONDITIONS.

Both the main trades of the town, the Cotton and Iron trades, have suffered a great depression during the year, and unemployment and short time have gradually increased through the year, and many families usually in good circumstances have had to subsist upon the unemployment pay or upon an allowance from the guardians.

Several schemes have been put in hand by the Health Committee and by other departments with the view of finding work for those out of employment.

### POPULATION.

As almost all the Vital Statistics are based on the Population of a District, if the estimate is not correct the statistics cannot be.

The Census was taken in June, 1921, and gave an actual Population of 145,001, which is a decrease from the Census Population of 1911 of 2,492.

Housing conditions indicated an increase rather than a decrease.

The Registrar-General estimated the population for 1922 to be 148,300, and his estimate for the year 1923 is 147,500, or a decrease of 800 persons. The increase of births over deaths during the year was 265, and the estimated decrease would indicate that about 200 houses would be liberated which does not seem to be the case.

### HOSPITALS, &c.

The Hospitals and allied Institutions in the town are the same as in the previous year.

(1) THE OLDHAM ROYAL INFIRMARY—This Institution contains 129 beds for in-patients, a large out-patient department, and a fully equipped electrical department. The Venereal Diseases Clinic is at this Institution.

(2) THE POOR LAW HOSPITAL—A well equipped Hospital for Medical, Surgical, and Maternity Cases. Paying Patients are admitted for surgical operations and maternity, the fees being adjusted according to the circumstances of the patient.

(3) A VOLUNTARY NURSING INSTITUTION for the supply of Nurses, and patients are received in the Nursing Home for treatment by private practitioners.

(4) A PRIVATE NURSING HOME for private patients of one of the Surgeons in the town.

(5) THE BOROUGH INFECTIOUS DISEASES HOSPITAL and TUBERCULOSIS SANATORIUM.

### WATER SUPPLY.

The wet season gave a very ample water supply for the town and for the adjoining urban districts which are in the supply area. The scheme for obtaining an additional water

supply for the town which was indicated in last year's Report has been successfully completed and sanction obtained by Parliament. The water engineer, Mr. C. J. Batley, has kindly supplied me with the following information for inclusion in my report.

### OLDHAM CORPORATION WATERWORKS.

During the past year the Oldham and Rochdale Corporations have been authorised to acquire the Reservoir Works of the Rochdale Canal Company, and the share of these works allotted to Oldham includes two reservoirs and 1645½ acres of gathering ground, and will render available for Domestic use 2,124,167 gallons per day.

The necessary Works to obtain this supply will be put in hand during the present year but it is not possible at present to state definitely when this supply will become available.

The water from this area is bacteriologically of excellent quality, but will require, like other waters of the Corporation chemical treatment to render it fit for domestic use.

Average daily consumption of water			
in the supply area for year			
	1916	5,867,828	galls
Do.	do.	1917	5,772,221 „
Do.	do.	1918	5,219,161 „
Do.	do.	1919	5,534,726 „
Do.	do.	1920	5,768,824 „
Do.	do.	1921	5,287,085 „
Do.	do.	1922	5,526,203 „
Do.	do.	1923	5,936,134 „



Daily quantity of compensation water,					
1923	...	...	...	...	3,033,194 galls.
Estimated population supplied in 1923					242,393 „
Total storage capacity of all reservoirs					1,976,000,000 „
Available for the domestic supply ...					1,364,000,000 „
Amount of water in reservoirs at close					
of year	...	...	...	...	1,962,000,000 „

At the close of the year the reservoirs contained about  $27\frac{1}{4}$  weeks supply.

The average amount of water used per head of the population is about  $24\frac{1}{2}$  gallons.

New Reservoirs (Oldham) White Holme and Blackstone Edge.

Area of Gathering Ground,  $1645\frac{1}{2}$  acres.

Area of Reservoirs, 157 acres,

Capacity of Reservoirs (Storage) 547,800,000 gallons.

Amount available for Domestic Supply, 465,106,330 gallons.

Estimated daily supply available for Domestic use, 2,124,167 gallons.

### SEWAGE WORKS.

At the Sewage Works a considerable amount of work has been done in renewing, improving and reconstructing the older Filter Beds, many of which had become almost silted up and useless owing to prolonged useage.

The renewed Filter Beds have been constructed on a much improved principle, having concrete sides and bottom to the tanks and perforated tiles to form a false bottom, which gives much better aeration and allows them to last for a much longer period.

Unemployment schemes were approved for renovating some of the beds which would not have been renewed for some years, and six new humus tanks have been constructed, two of which were put into use during the year. The provision of the additional humus tanks should remove the principal defect of the sewage effluent, viz, the large amount of solids it contained.

As described in previous reports the scheme of sewage treatment is as follows :—

1. Two Detritus Tanks.
2. Twelve Sedimentation Tanks.
3. Filter or Bacterial 1st Contact Beds.
4. Fourteen Continuous or Sprinkler Filters for 2nd Contact.
5. Two Contact Beds for Effluent from the Tanks when drawn off for cleaning.
6. One Fiddian Distributor for 2nd Contact.
7. Four Humus Tanks in use and four more in course of construction.

The sludge is either pressed in filter presses or is settled in lagoons and then tipped. A considerable quantity has been taken away by farmers during the year. Daily analyses of the sewage and the effluent are made.

#### CLOSET ACCOMMODATION AND SCAVENGING.

The work of providing additional closets for houses with insufficient accommodation as well as the conversion of pan closets to the water carriage system has been almost entirely in abeyance during the year, mainly owing to the high cost of wages and materials, but also, owing to the depression in trade, the fact that owners were unable to bear the expense. During the year only 54 additional closets were provided for houses and 16 for workshops.

With regard to the conversion of Ashpits to Ashcans the above remarks also apply and during the year only 172 Ashpits were abolished and substituted by 542 dustbins. There are still 804 Ashpits to be demolished and Ashcans substituted.

There are still in the Borough 804 Ashpits to be abolished, and 2,001 Pail Closets to be converted, and the number of conveniences are as follows :—

		1922		1923
Water Closets	... ..	7,807	...	8,026
Waste Water Closets	...	24,756	...	24,789
Latrines...	... ..	2,958	...	2,953
Pan Closets	... ..	2,030	...	2,001
Total	...	<u>37,551</u>	...	<u>37,769</u>

The Ashpit refuse is mainly burnt in destructors and the resulting clinkers used for making mortar and for filling the filter beds at the Sewage Works and for other purposes.

The closet refuse is mixed with shoddy dust and sold for manure.

The following particulars, kindly supplied to me by the Cleansing Superintendent, indicate the large amount of work required in connection with the sanitary accommodation, mainly with the waste water closets in the borough.

## WATER CARRIAGE DEPARTMENT.

REPORT OF WORK DONE FOR THE YEAR ENDED  
DECEMBER, 1923.

		W.W.C's.	W.C's.	Latrines.	TOTAL.
No. of Blockages cleared	...	5445	129	109	5683
No. of Drains cleared	... ..	...	...	...	363
Drains found blocked requiring excavating	... ..	...	...	...	379
Tippers found not working and re-adjusted	... ..	...	...	...	112
Tippers, Fittings, &c., found broken	... ..	...	...	...	686
New Tippers, Fittings, etc., fixed		...	...	...	700
Visits paid Flushing Latrines, &c.		...	...	...	10665



## *Premises and Occupations which can be controlled by Bye-laws and Regulations.*

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### LODGING HOUSES.

The common Lodging Houses are under the control of the Police, and regularly inspected by a Special Member of the force. The following are particulars of the accommodation :—

Total number of Lodging Houses	...	...	12
Total Nightly Accommodation	...	...	862
Total Accommodation reserved for Females	...	...	70
No. of Lodging Houses receiving Women only			2

The Houses let as Lodgings and Furnished Rooms are all inspected at least monthly by the Sanitary Inspectors, and those which are not likely to be kept in a good condition are visited two or three times a month.

During the year 9,516 visits of inspection have been made to these premises. Owing to the scarcity of houses, the charging of exorbitant rents for furnished rooms still continues, and those engaged in this very profitable trade are always on the look out for additional houses to convert into furnished rooms.

As an indication of the profitable nature of this undertaking, one derelict house formerly an inn, and let by the owners at a rent of under £40 per annum, yields a total rental for so-called furnished rooms of £408 per annum.

The rents for these rooms have to be paid in advance or the tenants are turned out.

In some cases which have come to my knowledge the rents have had to be obtained by immorality to avoid ejectionment.

### THEATRES, &c.

The Sanitary conveniences at the various Theatres, Picture Houses, &c., have been regularly inspected throughout the year, and have invariably been found in a satisfactory state of cleanliness.

### OFFENSIVE TRADES.

The following is a list of these trades in the Borough. The number remains the same as in the previous year. All of these are regularly inspected :—

OFFENSIVE TRADES.					1922.	1923.
Tripe Boilers	...	...	...	...	11	11
Marine Stores	...	...	...	..	9	9
Grease Works	...	...	...	...	4	4
Gut Scrapers	...	...	...	...	3	3
Hide and Skin Depots	...	...	...	...	2	2
Chemical Works	...	...	...	...	1	1
					<hr/> 30	<hr/> 30

### SCHOOLS.

The Medical Officer of Health is also Superintendent Schools Medical Officer, and a separate report on the work in connection with the Schools has been issued.

### FOOD SUPPLIES.

#### (A) MILK SHOPS.

The Milk Supply of the Borough comes mainly from farms in the surrounding counties, the farm dairies within the Borough only numbering 45.

There are, besides these farm dairies, 324 shops registered for the sale of Milk, being an increase in number over the previous year of 61. All these premises are regularly inspected, and the number of visits and other particulars are tabulated in subsequent tables. No applications have been received for the registration of persons for the sale of Grade A or Sterilized Milk, etc.

There are two distributing firms, which do a large business in Cleaned, Sterilized and Bottled Milk, one with premises in the town, and the other just outside the Borough boundary.

#### (B) BAKEHOUSES.

There are 281 Bakehouses registered in the Borough, an increase of seventeen over the previous year. During the year 704 visits of inspection were paid, and 12 notices for defects were served, all of which were complied with before the close of the year. There still remain 23 cellar Bakehouses in the Borough.

#### (C) SLAUGHTER HOUSES.

These are all annually licensed and are personally visited by myself before the licence is renewed. They are also under regular and frequent inspection by the Food Inspectors.

The number of Slaughter Houses in the Borough is 38, a decrease of two from the previous year. There are three large wholesale Slaughter Houses; two large ones connected with the two Co-operative Stores, and the remainder are small private places connected with butcher's shops.

There is no public Abattoir in the town.



The Meat Shops, Fish Shops and Vegetable Shops are all regularly visited. The number of visits paid is tabulated in the Food Inspector's report on a later page.

### SALE OF FOOD AND DRUGS ACT.

During the year the following samples of various kinds of food were purchased for Analysis under the Food and Drugs Act :—

Informal Samples	No of Samples	Description of Sample	Genuine	Not Genuine	Summoned before Magistrates	Cautioned by Committee
3	102	Milk ... ..	96	9*	1	6
—	5	Baking Powder ... ..	5	—	—	—
—	11	Rice ... ..	11	—	—	—
—	11	Coffee ... ..	11	—	—	—
—	6	Pepper ... ..	6	—	—	—
—	8	Whiskey ... ..	6	2	—	2
—	4	Butter ... ..	4	—	—	—
—	4	Jam ... ..	4	—	—	—
—	7	Pearl Barley ... ..	7	—	—	—
—	4	Lard ... ..	4	—	—	—
—	8	Rum ... ..	8	—	—	—
17	—	Milk (Condensed)... ..	15	2	—	2
1	—	Suet ... ..	1	—	—	—
21	170		178	13	1	10

\* Two were Informal Samples.

The Samples not genuine were as follows :—

No. 26	Milk	...3·3% Deficient in Fat...	Cautioned by Committee and paid the Analyst's Fee
„ 27	„	...9% „	...Cautioned by Committee and paid Analyst's Fee
„ 69	„	...10% Added Water	...The milk was purchased from an employee of a large distributing firm, and evidence was given and corroborated by the Inspectors indicating that the water had been added by the employee for his own benefit.
„ 113	„	...10% Added Water	...Prosecuted and Fined £10 and £3 3s. 0d. costs.
„ 130	„	...2·1% Added Water and 10% deficient in Fat	...The follow up samples at the farm were also deficient and probably tampered with and no action could be taken.



„ 143 „ ...2·5% Added Water ...Both these samples were  
 „ 144 „ ...2·5% „ ... from the same farm and  
 the vendor was cautioned  
 and paid the Analyst's  
 Fee in each case.

„ 155 Whiskey ...2·6% Added Water ...Cautioned by letter.

„ 163 „ ...2·6% „ ... „

Two samples of Condensed Milk were not up to the standard and the shopkeepers were cautioned by letter.

The average of the Milk Samples showed that the supply of milk to the town was of a high quality.

### HOUSING.

Very little progress has been made in the House Accommodation in the Borough during the year. Private builders have completed during the year 42 houses. Nearly all of them are too large a type for the artisan population. The building schemes of the Corporation having been completed in the previous year, no houses have been erected by the local authority during the year. There is a tendency to convert the large houses in the centre of the town into separate furnished rooms.

Though a number of houses are known to be dilapidated and unsuitable for habitation, no measures were taken to close them owing to the house shortage.

The following houses were voluntarily closed :—

#### HOUSES VOLUNTARILY CLOSED.

Total Number Closed.	NATURE OF HOUSE.			REASON FOR CLOSING.
	Through	Single.	Back to Back	
1	1	—	—	Added to “ Shakespeare Hotel,” Horsedge Street.
4	3	1	—	Extension of Union Club, Union Street.

During the year a formal representation was made to the Council, that an area known as the Smethurst St. area was insanitary, and an area which ought to be dealt with as an improvement scheme under the Housing Acts.

This area covers 4·9 acres of land, and contains 259 houses and a population of 1,425 persons. Besides the insanitary conditions many of the houses are very old and dilapidated, and others so congested and badly arranged that improvement without general demolition is almost impossible. The area has been looked upon as insanitary for at least 20 years.

The complete Inspection of Houses in the Borough is gradually being proceeded with. The number thus inspected during the year being 4,210.

The following table gives a summary of the houses inspected, and the conditions found since the Housing Act came into force :—

NUMBER OF HOUSES INSPECTED (HOUSE TO HOUSE).

	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	Total
No. of Houses..	780	520	326	2826	3761	1551	1653	553	318	4098	6164	4926	4210	31686
Overcrowded ...	1	9	5	8	10	7	2	2	—	25	4	12	2	87
Structurally Defective ...	310	276	87	728	842	336	327	169	69	527	703	854	365	5593
Dirty Houses ..	14	33	14	270	283	190	194	107	51	92	88	110	81	1527
Defective Roofs	151	101	25	225	456	258	215	150	74	273	438	435	400	3201
„ Drains	36	12	—	28	56	24	11	5	2	6	6	17	13	216
Percentage of Defective H'ses	40	53	26	26	22	22	20	31	22	13	11·4	17·3	7·4	23·93
Percentage of Dirty Houses.	1·8	6·5	4·3	9·6	7·5	12·2	11·8	19·3	16·0	2·2	1·4	2·23	1·92	7·44
No. of Notices Served.....	702	516	146	1258	1682	893	821	500	278	843	1208	1471	857	11175

## FACTORIES AND WORKSHOPS.

**Factories** —The inspection of Factories is confined to :—

1. The Mill Reservoirs. Only one or two Mills now use sewer water for condensing purposes, and consequently very few nuisances have occurred.
2. Smoke observations of the amount of black smoke emitted from the chimneys, this is dealt with under a later heading.
3. The provision of efficient fire escapes, when complained of or reported by the Factory Inspectors.
4. The removal of nuisances complained of or reported by the Factory Inspectors.

**Workshops**—These are regularly inspected by the District Inspectors. There are on the Register 587 Workshops, or 16 more than in the previous year. 907 visits of inspection were paid to them, and 107 notices were served for the removal of defects. The defects for which these notices were served are tabulated in table 25.



The following is a list of the Workshops registered :—

Bakers.....	7	Laundries .....	11
Blacksmiths .....	6	Machine Brokers .....	3
Blind Manufacturers... ..	2	Mackintosh Manufacturers ..	1
Blind Women's Industry ...	1	Mantle Makers .....	18
Bookbinders .. .....	3	Marine Stores .....	4
Bottlers (Beer) .....	1	Milliners .....	58
Brass Founders.....	2	Opticians .....	1
Brush Makers .....	3	Pattern Makers .....	1
Cabinet Makers.....	5	Picture Framers .....	7
Carriage Builders .....	3	Plumbers .....	12
Cartsheet Manufacturers .....	1	Photographers .....	1
Cloggers .....	70	Printers .....	6
Coffin Makers .....	2	Restaurants .....	6
Confectioners .....	37	Roller Coverers .....	3
Coopers .....	1	Saddlers .....	5
Cotton Waste Dealers .....	29	Saw Cutters .....	2
Curriers .....	2	Scale Makers.....	3
Cycle Makers and Motor Engineers .....	7	Shirt Makers .....	4
Dentists .....	2	Shoe Makers .....	94
Drapers (Underwear and Skirts) .....	5	Skip Makers .....	6
Dress Makers.....	30	Straw Workers .....	1
Dyers .....	1	Sugar Boilers.....	2
Drysalters (Chemists) .....	4	Sundry Trades .....	7
Electricians .....	2	Tailors.....	45
Electro-Platers .....	1	Tinsmiths ... ..	17
French Polishers .....	6	Umbrella Manufacturers .....	3
Heating Apparatus Manufac- turers .....	1	Upholsterers .....	5
Hosiery & Stocking Knitters	6	Watch Makers .....	7
Ice Cream Manufacturers ...	6	Wire Workers .....	1
Joiners .....	5	Wheelwrights.....	6
		Wringing Machine Manufac- turers .....	1

### SHOP HOURS ACT.

No visits were made in connection with the above Act, and no complaints or reports were received.



## — C —

# *Sanitary Administration of the District.*

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## STAFF.

The staff except for one or two changes in the personnel remains the same as in the previous year, and consists of the Medical Officer of Health, who is also Tuberculosis Officer, and Superintendent Schools Medical Officer; the Chief Inspector, who is also Food Inspector; an Assistant Food Inspector, and six District Inspectors. The Office Staff consists of a Chief Clerk, four Assistant Clerks, and a Typist, and there are two Disinfectors.

One of the Assistant Clerks is almost entirely engaged in keeping the Housing Records, which are necessary under the 1909 Act.

In the Tuberculosis Department, the Staff consists of the Assistant Tuberculosis Officer, one Clerk, and one Nurse. The Assistant Tuberculosis Officer is also Deputy Medical Officer of Health.

In the Maternity and Infant Welfare Department there is a Medical Officer giving half-time to this work, and the other half to the Fever Hospital, a Superintendent Nurse (also Inspector of Midwives) and an Assistant for the Town Hall Centre and Clinic, and six District Health Visitors.

## REPORT OF THE CHIEF INSPECTOR FOR THE YEAR 1923.

TO THE MEDICAL OFFICER OF HEALTH.

SIR,

I have pleasure in presenting my Report of the work done by your staff of Inspectors during the year.

**Contagious Diseases.**—We have been entirely free from Contagious Diseases during the year.

**Food Inspection.**—The visits to premises where food is prepared or deposited for sale, numbered 13,442. In the previous year 13,569 were paid. As a result of these visits, over 13 tons of diseased or unsound food were destroyed, the whole of which was surrendered by the owners.

During the year 42 cases of Tuberculosis in animals were reported, in addition 37 cases were found, making a total of 79 cases, of these 39 cases occurred in cattle and 40 in swine.

**Slaughter Houses.**—We began the year with 40 Slaughter Houses on the register, two were lapsed during the year.

**Dairies and Cowsheds.** These have not been visited as often as I had intended. Owing to the general outbreak of Foot and Mouth Disease during the year, I did not think it wise to go from farm to farm.

**Samples of Foods and Drugs.**—During the year 170 samples were obtained under the Food and Drugs Acts, and 21 samples were purchased informally, a total of 191 samples, which were submitted to the Borough Analyst.

**Smoke Inspection.**—During the year 1,480 observations were made. In four the limit was exceeded, and in seven cases it was approached and reported to the Medical Officer of Health. The cases where the limit had been exceeded were reported to the Health Committee and dealt with as follows:—In two cases a legal notice was served, and two were fined 40/- by the Magistrates

**Inspection of Nuisances.**—During the year 3,903 notices were served for the abatement of nuisances. In connection with these nuisances 14,521 re-visits were paid during the year.

**Demolition of Ashpits.**—During the year 172 Ashpits were demolished, and 542 dustbins substituted. From the 18th November, 1909, 7,030 ashpits have been demolished and 17,841 dustbins substituted.

**Closet Accommodation.**—The provision of additional closets for houses insufficiently provided for, has not been pressed owing to the prevailing high prices. There were 54 additional closets provided for houses during the year, and 16 additional closets for workshops.

**House Inspection.**—During the year 4,210 houses were inspected. A notice to cleanse was served on 81 occupiers, 73 notices were complied with before the end of the year. The number of houses found defective amounted to 365, of these 337 were repaired during the year. During the year two notices were served for overcrowding, both of which were complied with before the end of the year.



**Houses-Let-in-Lodgings.**—During the year 9,516 visits were paid, resulting in 93 notices to cleanse, 117 notices for repairs, and four notices for the separation of sexes; a total of 214 notices. Of these 208 notices were complied with before the end of the year.

**Infectious Diseases.**—The number of visits paid amounted to 542, a decrease of 640 compared with the previous year. In addition 107 visits were paid to cases of Consumption, for the purpose of arranging for disinfection.

In conclusion, I desire to express my thanks for the great assistance I have received from all the members of the staff, and to yourself for your confidence and support.

I beg to remain,

Yours faithfully,

GEORGE WINTERBOTTOM,

*Chief Sanitary Inspector.*

## SMOKE NUISANCES.

Statistics with regard to the smoke observations are tabulated in Tables 28-31.

It will be seen that the number of observations—1480—taken during the year somewhat exceeds those taken in the previous year.

In all cases where the limit of black smoke allowed is exceeded, the firm is reported to the Health Committee, who deal with the matter. The results are to be found in Table 30.

Of the four firms who transgressed the limit prosecution was ordered in two cases, and in the other two cases, it being the first offence, the legal notice was served.



In cases where the limit is nearly approached an official letter is sent by the Medical Officer to the Firm, drawing attention to the excessive emission, and giving them an opportunity of enquiring into the cause and obviating future offences.

Electricity is being more used for power and lighting, and gas for heating and cooking. Eulogies and even advertisements of smokeless fuel appear from time to time in the Press, but so far supplies seem to be almost unobtainable.

According to my information poor coal containing shale seems suitable for the production of this smokeless fuel, and as there is a large amount of this under the town, it would seem that it would be to the benefit of Oldham if a plant for its manufacture could be established.

## PUBLIC ACTS AND BYE-LAWS.

There are several local Acts of Parliament in force, most of which contain Sanitary Enactments.

Parts II., III., and V. of the Public Health Acts (Amendment) Act, 1890, have been adopted ; and also the Notification of Births Act.

There are Bye-laws for—

New Streets and Buildings.

Slaughter Houses.

Common Lodging Houses.

Houses-Let-in-Lodgings.

Cowsheds, Dairies and Milk Shops.

Tripe Boilers and Offensive Trades.

Public Baths.

Tents, Vans, Sheds, &c.

The Prevention of Spitting, &c.

## *Infectious Diseases.*

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The following Table gives the number of cases of Infectious Disease notified during the year, and the deaths from these diseases :—

	DISEASE.						NOTIFICATIONS.		DEATHS.
Small-pox	...	...	...	...	...	...	0	.....	0
Scarlet Fever	...	...	...	...	...	...	244	.....	5
Erysipelas	...	...	...	...	...	...	64	.....	3
Diphtheria	...	...	...	...	...	...	59	.....	10
Enteric Fever	...	...	...	...	...	...	3	.....	1
Puerperal Fever	..	...	..	...	...	...	9	.....	3
Tuberculosis (Primary)	...	...	...	...	...	...	250	.....	180
Pneumonia	...	...	...	...	...	...		.....	202
*Measles and German Measles	...	...	...	...	...	...	97	... ..	12
Cerebro Spinal Meningitis	...	...	...	...	...	...	1	.....	1
Infantile Paralysis	...	...	...	...	...	...	0	.....	1
Ophthalmia Neonatorum	...	...	...	...	...	...	12	.....	0
Encephalitis Lethargica	...	...	...	...	...	...	18	.....	13
*Whooping Cough	...	...	...	...	...	...	488	.....	46
Malaria	...	...	...	...	...	...	0	.....	0
Dysentery	...	...	...	...	...	...	0	.....	0
*Chicken Pox	...	...	...	...	...	...	339	.....	0

\*Notified from Schools, &c.

In addition to the above list there were 6 deaths from Diarrhœa, and 115 deaths were attributed to Influenza. Eight deaths were attributed to Syphilis, and 22 to General Paralysis of the Insane, mostly the result of the same disease.

The death certified as due to Poliomyelitis was notified as Encephalitis Lethargica.

## SMALL POX.

No cases of this disease were notified during the year. Whenever there was any suspicion that a case of Chicken Pox might possibly be Small Pox it was visited by one of the Medical Staff.

## VACCINATION.

The following return shows the position of Vaccination in the Borough at the last returns available :—

The percentage vaccinated or insusceptible to vaccination is slightly higher than in 1921. It is probable that the epidemic of smallpox accounted for this.

	1921	1922
Number of Births ... ..	3143	2829
Successfully Vaccinated ... ..	503	477
Died Unvaccinated ... ..	234	210
Insusceptible ... ..	0	5
Postponed by Medical Certificate ... ..	1	0
Left the District ... ..	25	17
Not accounted for ... ..	43	31
Percentage successfully Vaccinated... ..	16	17

## SCARLET FEVER.

The epidemic of Scarlet Fever which had been in evidence during the past two years gradually subsided after the first three months of the year, and the total number of cases notified was 244, compared with 610 and 725 in the two preceding years. Over 30 of the cases were adults and one a person over 55 years of age.

The deaths numbered 4, giving a fatal percentage of 1.64. The disease was generally of a very mild type. As in the previous year the disease was most prevalent on the southern side of the town.

## DIPHTHERIA.

The total number of cases notified during the year was 59, compared with 89 and 106 in the two preceding years, but there were the same number of deaths as in the year 1922, giving a percentage of deaths of 20·3.

Of the 12 deaths nine were in children under the age 5 years. There was no exceptional prevalence in any portion of the town, but Clarksfield Ward, which should be one of the healthiest wards in the Borough, had the largest number of cases.

The wards containing the densest population and the greatest number of slum houses had the fewest number of cases. Antitoxin is still not used with the promptitude which is necessary, and several cases reached the hospital in a very serious condition without having received a dose.

## ENTERIC FEVER.

Three cases of this disease were notified in the Borough during the year.

1. A nurse at Westhulme Hospital which I regret to say ended fatally.
2. A youth living at an isolated farm just on the outskirts of the town. Both the water supply and the sanitary arrangements were unsatisfactory.
3. A woman reported as suffering from the disease in Manchester, said to reside at a Lodging House in Oldham. According to the register at the Lodging House and the Police Records, she had not lived at the address given for six months.



## PUERPERAL FEVER.

There were 17 notifications of Puerperal Fever during the year. One of them was subsequently cancelled and seven were duplicate notifications from the Union Hospital after removal to that Institution, thus leaving 9 actual cases. One of these was admitted to the above hospital from an outside district.

Of the eight cases a doctor was in attendance at three of the cases, and the other 5 were attended by midwives. Seven of the cases were removed to hospital and all recovered. One case was not removed to hospital and ended fatally.

The three deaths registered in the Borough were the above case ; the patient removed from an outside district, and one which had not been notified.

## ENCEPHALITIS LETHARGICA.

During the year 18 cases were notified of Encephalitis, and 13 Deaths were attributed to this disease, and in one fatal case the death was certified as due to Poliomyelitis.

In only two cases could any connection with other cases be found, and even in these cases the connection was somewhat remote as will be seen from the following tabulation. The cases were fairly distributed both as regards the district and the period of the year. It was more prevalent in males than among females.

No.	Month	District	Sex	Age	Result
1	January	Hollinwood	M	53	Fatal
2	February	Werneth	M	56	Fatal
3	March	Westword	M	58	Fatal
4	April	Hartford	M	40	Recovery
5	April	Coldhurst	F	29	Recovery

No.	Month	District	Sex	Age	Result
6	April	St. James	M	47	Fatal
7	May	Waterhead	F	3	Fatal
8	May	Coldhurst	F	35	Fatal
9	May	St. Peters	M	69	Fatal
10	August	St. James	M	49	Fatal
11	September	Hartford	M	60	Recovery
12	October	Waterhead	F	11	Fatal
13	November	Werneth	M	35	Fatal
14	November	Hartford	F	12	Recovery
15	December	St. Pauls	M	5	Fatal (Inquest)
16	December	Westword	M	8	Fatal
17	December	Werneth	F	52	Fatal
18	December	Royton U.D.	F	22	Fatal

(Workhouse)

### OPHTHALMIA NEONATORUM.

Twelve cases were notified during the year, including 3 from the Poor Law Institution.

A special enquiry at the close of the year showed that in none of the children living at the end of the year had the sight been impaired.

Each certified Midwife is supplied with Argentum Collosol for application to the eyes of the newly born.

In the year 1922 before this was generally supplied 48 cases were notified.

### VENEREAL DISEASE.

The Scheme for treating these diseases has received practically no alteration from the previous year.

The four Assistant Surgeons carry out the treatment at the Oldham Royal Infirmary, one of them being the responsible V.D. Officer, the others acting as Assistants.

The following is a summary of the people treated during the year :—

#### NUMBER OF PERSONS UNDER TREATMENT.

	Jan. 1st		Treated during		Total	
	Males	F'mal's	Males	Females	Males	Females
Suffering from Syphilis .....	173	101	61	38	234	139
„ „ Gonorrhœa .....	84	6	56	13	140	19
„ „ Soft Chancre .....	9	2	2	0	11	2
„ „ Syphilis & Gonorrhœa .....	—	—	5	0	5	0
„ „ Non-V'n'real Dise'ses .....	34	10	25	20	59	30
Total .....	300	119	149	71	449	190

In addition to the above, 34 Oldham persons were treated at the Venereal Centres in Manchester, making a total of 673 persons who were treated during the year.

Number of persons who ceased to attend without completing a course of Treatment at the Royal Infirmary :—

	MALES.	FEMALES.
Syphilis ... ..	98	42
Soft Chancre ... ..	6	0
Gonorrhœa ... ..	48	1

No. ceased to attend after Treatment but before completion of Treatment Tests :—

Syphilis ... ..	17	14
Soft Chancre ... ..	3	1
Gonorrhœa ... ..	24	1

No. under Treatment at close of year 1923 :—

Syphilis ... ..	121	81
Gonorrhœa ... ..	2	1
Soft Chancre ... ..	72	17
Other Conditions ... ..	29	13

## Total attendances of all Patients :—

	MALES. FEMALES.	
Syphilis ... ..	988	525
Soft Chancre ... ..	20	11
Gonorrhœa ... ..	2288	772
Other conditions not V.D. ... ..	148	64

## Aggregate number of Inpatient half-days :—

Syphilis ... ..	9	51
Gonorrhœa .. ...	0	0
Soft Chancre ... ..	63	0

Number of specimens examined		Spirochetes	Gonococci	Others	Wasserman
at the Infirmary ... ..		17	182	3	0
Number of specimens sent to the Pathological Laboratory, Manchester ... ..		0	1	0	414
Total ... ..		17	183	3	414

Number of Oldham persons attending for the first time ... ..		167
Lancashire County .. ...		53
Yorkshire ,, ... ..		5
Total ... ..		225

The total cost during the financial year amounted to £1,323 7s. 1d., which receipts from outside areas will reduce to £1,054 12s. 2d., and of this amount the Government should refund two-thirds.

## The items of cost were—

Treatment at—	£	s.	d.
Oldham Royal Infirmary ... ..	1038	4	8
Manchester Hospitals ... ..	156	9	3
Pathological Tests Manchester University ...	129	3	2



Compared with the previous year the number of persons treated shows a decrease of 120 males and 44 females.

Very few females attended the clinic for treatment for Gonorrhœa, and yet it is the origin of a very large proportion of ailments from which women suffer.

The total number of V.D. Specimens examined at the Laboratory at Manchester University, was as follows ;—

For Wasserman Reaction.	Spirochetes.	Gonorrhœa.
467	0	4
Total ...	471	

## TUBERCULOSIS.

The Scheme which was adopted in 1914 and which has continued since that year, has been the basis of the treatment of Tuberculosis during the year 1923.

This staff consists of the Assistant Tuberculosis Officer, one clerk, and one nurse. The M.O.H. is Tuberculosis Officer. The general office for Sanatorium work is on the Health Office premises, and the town joins with the County Council in providing the Dispensary, being used on different days by each authority.

The following is a Summary of the new cases during the years—

	1921	1922	1923
Pulmonary Cases ... ..	246	238	166
Non-Pulmonary Cases ... ..	69	90	84
Total ...	315	328	250

The difference between the total and the cases notified is due to the school children showing symptoms of Tuberculosis being sent to the Dispensary for diagnosis and are then not strictly notified.

The number of deaths occurring from Tuberculosis during the past three years was as follows :—

Deaths from	1921	1922	1923
Abdominal Tuberculosis ...	1	0	2
Tubercular Meningitis ...	14	17	13
Pulmonary Tuberculosis ...	122	142	127
Other Forms .. ...	19	36	38
Total ...	156	195	180

The number of cases seen at the Dispensary during the past three years was as follows :—

	1921	1922	1923
Insured Persons and Ex-service Men ...	859	1,325	1,371
Non-Insured ...	90	154	178
Children ...	542	577	583
	1,491	2,056	2,132

The number of visits paid to cases at home was 607.

The following tables give a summary of the treatment recommended at the Tuberculosis Dispensary during 1923.

### DOMICILIARY TREATMENT.

Ward	Ex-service Men	Insured Persons	Totals
Clarksfield ... ..	14	34	48
Coldhurst ... ..	45	17	62
Hartford ... ..	47	21	68
Hollinwood ... ..	31	8	39
Mumps ... ..	31	10	41
St. James' ... ..	24	27	51
St. Mary's ... ..	57	17	74
St. Paul's ... ..	42	19	61
St. Peter's ... ..	13	13	26
Waterhead... ..	37	17	54
Werneth ... ..	25	14	39
Westwood ... ..	16	31	47
	382	228	610

### INSTITUTIONAL TREATMENT.

Ward	Ex-service Men	Insured Persons	Non-insured Persons	Totals
Clarksfield . . . . .	1	7	4	12
Coldhurst ... ..	5	8	4	17
Hartford ... ..	2	6	5	13
Hollinwood ... ..	3	4	2	9
Mumps ... ..	6	4	5	15
St. James' ... ..	4	6	4	14
St. Mary's ... ..	3	2	7	12
St. Paul's ... ..	4	3	2	9
St. Peter's ... ..	1	3	0	4
Waterhead ... ..	4	3	5	12
Werneth ... ..	8	5	0	13
Westwood ... ..	2	4	2	8
	43	55	40	138

The following is a summary of the Institutional Treatment in the year 1923 :—

	Westhulmæ	Strinesdale
Patients in on January 1st ... ..	25	20
Patients admitted during the year...	94	50
	<hr/> 119	<hr/> 70
Discharged in ordinary course ...	49	35
Died ... ..	18	0
Discharged against medical advice...	19	0
Took own discharge ... ..	7	2
Discharged for insubordination and unruly conduct ... ..	1	1
Discharged for Drunkenness ... ..	1	2
Transferred to other Institutions ...	4	8
Patients still in, December 31st ...	20	22
	<hr/> 119	<hr/> 70

Cases sent outside Oldham :—

	Away on Jan 1st	Sent during the year
Aitken Sanatorium, Ainsworth, nr. Bolton ... ..	1	0
National Sanatorium, Benenden, Kent	2	0
Industrial Settlements, Preston Hall, Aylesford, Kent ... ..	0	1
Shropshire Orthopædic Hospital, Oswestry ... ..	1	2
	<hr/> 4	<hr/> 3

Number of Sputum Examinations, Positive ... ..	59
“ “ “ Negative ... ..	171
Total ... ..	<hr/> 230



# Number of Reports to Ministry of Pensions :—

To Regional Officer, Manchester ... ..	182
To Area Office, Oldham ... ..	517
To Awards Headquarters, London ... ..	1
Total ... ..	<u>700</u>

The following is a summary of the Notifications during the period from the 31st December, 1922, to the 29th December, 1923, in the County Borough of Oldham :—

Age periods	NOTIFICATIONS ON FORM A.												Total Notifica- tions on Form A
	Number of Primary Notifications.												
	0 to 1	1 to 5	5 to 10	10 to 15	15 to 20	20 to 25	25 to 35	35 to 45	45 to 55	55 to 65	65 & up- wd's	Total Primary Notifica- tions	
Pulmonary Males	...	2	1	3	5	4	6	14	12	7	2	54	63
„ Females	...	1	6	3	12	10	16	14	8	1	...	71	87
Non-pulmonary Males	3	4	4	8	6	3	1	3	2	1	...	35	42
„ Females	1	4	3	4	8	4	3	1	...	..	...	28	32

Age periods...	Notifications on Form B					Number of Notifications on Form C	
	Number of Primary Notifications				Total Notifica- tions on Form B	Poor Law Institutions	Sanatoria
	Under 5	5 to 10	10 to 15	Total Primary Notifica- tions			
Pulmonary Males .....	...	...	...	...	...	15	76
„ Females ...	...	...	...	...	...	8	54
Non-pulmonary Males.	...	...	1	1	1	8	...
„ Females	...	...	...	...	...	9	1

## GENERAL DISEASES.

Compared with the previous year both Bronchitis and Pneumonia were the cause of a large number of deaths.

Bronchitis 326 against 293, and Pneumonia 218 against 173.

The deaths from Phthisis were less numerous, 127 instead of 142.

Heart disease caused 247 deaths, against 224 in the previous year.

The number of deaths from Cancer again shows an increase as in the previous years. The deaths attributed to this disease during the last four years were as follows:— 1920, 169 ; 1921, 152 ; 1922, 179 ; and 1923, 192. While there were only eight deaths ascribed to Venereal Disease, there were 22 credited to Insanity and General Paralysis of the Insane, which is generally associated with it. Alcoholism was directly the cause of one death, and 6 occurred from Cirrhosis of the Liver, usually resulting from Alcoholism, while some of the deaths from violence were very closely associated. Fifty-five deaths were due to accident ; 14 to suicide, and there was one death, that of a young infant, due to murder.

## *Maternity and Infant Welfare.*

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During the year practically no alterations, except a change of some members of the staff have been made from previous years. Briefly the town is divided into six Districts, each of two wards, and there are six Health Visitors, one in charge of each district. There is in each District, one Infant Welfare Centre, open one afternoon each week, under the charge of the Health Visitor, with the exception of Hollinwood where there is a Sub-centre, at which the Health Visitor receives a very large amount of assistance from a voluntary worker, who takes a great interest in Infant Welfare, and devotes a very considerable amount of her time to the work, not only at the centre but in the district.

The Assistant Medical Officer attends each centre alternate weeks for consultation and advice.

There is also a Centre adjoining the Health Office which is open all day, and is under the charge of a Superintendent Nurse. The Assistant Medical Officer attends on alternate Monday afternoons, and on most mornings at 10-0 a.m. for consultation for infants or by expectant mothers. There is also an Infant Clinic attached, where such minor ailments as do not require medical treatment can be attended to. Any case requiring medical treatment is sent on to the private Medical Attendant, the Infirmary or elsewhere as necessary.

Dried Milk Supplies are kept at this centre for sale to those regularly attending the Centres, or for free distribution to cases where, after enquiry, a free supply has been sanctioned.

The visits made by the Health Visitors during the year were as follows :—

First Visits to Infants under 1 year ...	2567
Total Visits to Infants under 1 year ...	5877
Total Visits to Children 1 to 5 years ...	7758
First Visits to Expectant Mothers ...	398
Total Visits to Expectant Mothers ...	745
Visits to Ophthalmia Cases ... ..	12
„ Puerperal Fever ... ..	9
„ Measles ... ..	156
„ Whooping Cough ... ..	807
„ Infant Deaths ... ..	250
„ Sundry Enquiries ... ..	271
Total Visits to Infectious Cases ... ..	1745

The following Table gives an indication of the attendance of the Mothers and Infants at the various Centres :—

	Hollin- wood Centre	Beulah	Bent House	Overens Street	Fisher Street	Copster Hill	Ripp'nd'n Road	Total
No. on Books ...	124	42	115	130	95	97	120	723
Attendances—								
Mother & Child	1408	331	1979	1948	1391	1724	1682	10463
Av. Attendance	36	16	47	46	33	41	39	258
Av. Attendance per Mother ...	11	8	17	15	15	18	14	
No. of Expectant Mothers .....	16	8	12	12	12	14	10	84
No. of Meetings	39	22	42	42	42	42	43	272

### THE TOWN HALL CENTRE.

The work at this centre differs from the other centres in that (a) no visits are paid to the houses by the nurse in charge, (b) that a large number of minor ailments in children are attended to, cases being frequently sent by



doctors for dressing, etc; (c) that there is an Ante-natal Clinic, the cases attending which have been doubled during the last year; (d) the Centre is the depot for the distribution of dried milk, etc., and (e) the Superintendent Nurse visits and supervises the practice of the Midwives in the town. The following are statistics of the work :—

INFANT WELFARE CENTRE.

Number of Cases on the Books ... ..	750
Total Number of Attendances ... ..	10862
Number of Meetings ... ..	188
Average Number at each Meeting ... ..	57
Average Attendance per Mother ... ..	14
Number of Ante-natal Cases ... ..	61
Number of Visits paid by Ante-natal Cases	137
Number of Visits paid to Midwives ... ..	266

INFANT CLINIC.

Total Visits paid to Clinic for advice ...	1400
--------------------------------------------	------

SUMMARY OF CASES WHICH ATTENDED.

Disease	No.	Visits to Clinic	Cured	Improved	Under Treatment	Operation (Infirmary)
Sores... ..	146	425	142	...	4	...
Septic Umbilicus ...	22	77	22	...	...	...
Septic Penis ... ..	2	6	2	...	...	...
Otorrhœa ... ..	10	45	9	...	1	...
Abscess ... ..	8	38	7	..	1	...
Boils ... ..	7	25	7	...	...	...
Nasal Discharge ...	6	15	6	...	...	...
Rickets ... ..	47	66	...	43	4	...
Burns ... ..	24	52	24	...	...	...
Circumcision ... ..	12	38	...	..	...	12
Sore Eyes ... ..	54	226	52	...	2	...
Injuries ... ..	82	214	80	...	2	...
Swollen Glands ...	15	42	13	...	2	1
Skin Eruptions ...	18	5	18	...	...	...
Total ...	453	1294	382	43	16	13

**FREE MILK**—A scale of income has been fixed, above which no free milk is allowed. The scale is fixed for a free supply when below a certain sum, or at half-price when slightly above this figure. Each application must be made on a printed form to the Medical Officer of Health, and the income scale is fixed on a certain sum per head of the family after deduction of the rent. Either fresh milk is supplied from one of the milk sellers, or dried milk from the Centre, and no supply is granted for longer than a month without a fresh application and renewed enquiry.

During the year and especially during the latter portion there have been a large number of applicants for free supplies.

The general short time in the mills and workshops in the town has brought many within the scale in addition to those who are out of employment.

The total cost of the free milk supply during the financial year was £830 13s. 4d, compared with £433 14s. 0d. in the previous year.

**INFANTILE MORTALITY**—The Infantile Mortality rate during the past year is a great disappointment to all those connected with the work of Infant Welfare, for the rate has risen from 106 in 1922 to 110 per 1000 births.

This rate is the highest since the year 1917. Among legitimate children the rate was 106, and among illegitimate children 183 per 1000 births.

The causes of Infant Deaths were as follows :—

	1921	1922	1923
Infectious Diseases...	...15	...29	...26
Premature Birth ...	...87	...67	...46
Atrophy, Debility and Marasmus ...	...47	...38	...56
Diarrhoea and Digestive Diseases ...	...57	...35	... 29
Tubercular Diseases ..	... 7	... 7	... 4
Respiratory Diseases ...	...50	...60	...63
Convulsions ...	...16	...10	...14
Syphilis ...	...13	... 9	... 7
Other Causes ...	...49	...46	...44
Total ...	341	301	289

Only one death was attributed to Diarrhoea, but 16 were assigned to Enteritis.

Four deaths were caused in children under the age of one year by measles and no less than 22 by whooping cough.

The number of Infant deaths were 12 less than in the previous year, but the births were 213 less in number and thus the rate is higher.

The Infantile Mortality rate in the various Wards was as follows :—

WARDS	No. of Births	Birth Rate	No. of Deaths under 1 yr.	Rate per 1000 births
Clarksfield .....	261	15·9	22	84
Hollinwood .....	213	21·7	20	94
St. Paul's .....	242	15·2	19	78
Werneth .....	197	16·7	22	111
St. Peter's .....	135	12·7	20	148
St. Mary's .....	220	20·2	32	145
Westwood .....	358	24·7	29	81
Waterhead .....	219	16·2	27	123
Mumps .....	171	21·4	30	175
St. James's.....	182	16·7	21	115
Hartford .....	214	16·7	19	88
Coldhurst .....	205	20·7	28	136
Borough .....	2617	17·8	289	110

Throughout the year the practice of taking a few marasmic or wasting babies into local Centres has been continued, and there progress and improvement has been very great. Unfortunately there is no ward which can be permanently devoted to them, and their accommodation is not at all satisfactory. The results have been so beneficial that an extension of this work by the erection of a Babies' Pavilion would be fully justified, and would be the means of not only preserving a number of lives, but of converting crippled and weakly babies into healthy ones.



The Superintendent of the Infant Welfare Centre, who is a trained Midwife undertakes also the general inspection of the Midwives in the Borough, reporting any measures which require attention to the Medical Officer.

During the year one Midwife died, one left the town, and one resigned owing to increasing age, and seven new ones commenced practice in the Borough. There are now on the list only six Midwives who do not hold a certificate of training, and with two exceptions all ten have passed the examination of the Central Midwives Board.

The usual fee charged by Midwives is 35s. 0d., and occasionally £2. Out of the 2617 births, 1946 were notified by Midwives, 499 by Parents or Doctors, leaving 172 which were not notified. 144 still-births were also notified. The number of illegitimate births was 142, equal to 5 per cent. of the total.

Medical aid was sought by Midwives in 289 cases, and 114 claims were made by the Doctors summoned, for fees amounting to £185 17s. 6d. The unemployment and short time has prevented many who were expected to repay this fee from doing so, and the repayments during the financial year only amounted to £96 19s. 6d., and this sum includes repayments for arrears in previous years.

## LIST OF MIDWIVES.

Name.	Address.	Number of Certificate	Date of Certificate
Barratt, Bertha .....	51, Ripponden Road ...	38797	Nov. 1/1913 (4)
Billington, Annie .....	21, Stoneleigh Street ...	33601	June 20/1911 (4)
Burton, Florence .....	Lees Nursing Association	60758	Aug. 11/1923 (4)
Challinor, Elizabeth .....	26, Dickenson Street ...	480	Dec. 17/1903
Clegg, Kate.....	1, Featherstall Road ...	38861	Nov. 1913 (4)
Corless, Elizabeth Ellen..	177, Lee Street.....	10733	Dec. 22/1904 (1)
Cox, Sarah A. ....	56, Kirkham Street .....	3354	Mar. 24/1904 (1)
Dalton, Catherine .....	184, Edge Lane Road...	44723	Mar. 8/1921 (4)
Denton, Jane Ann .....	136, Middleton Road ..	18831	April 27/1905
Eastwood, Annie .....	248, Huddersfield Rd.....	46434	Nov. 10/1917 (4)
Edwards, Margaret .....	17, Eden Street .....	58825	Dec. 13/1922 (4)
Fawley, Jemima ....	86, Brewerton Road ...	56508	Feb. 2/1922 (4)
Fitton, Bessie Eliza ....	176, Garforth Street ...	56915	April 4/1922 (4)
Fox, Frances .....	62, Abbey Hills Road ..	32210	Oct. 29/1910 (4)
Gaskell, Louisa .....	609, Oldham Road, Failsworth	36801	Oct. 28/1912 (4)
Hendkins, Katherine .....	Lees Nursing Association	60888	Aug. 11/1923 (4)
Hill, Florence .....	331, Manchester Road...	36110	June 18/1912 (4)
Hirst, Selina .....	78, Featherstall Road N.	30202	Feb. 21/1910 (4)
Jackson, Hannah, .....	75, Wickentree Lane ...	5901	June 30/1904
Jenkinson, Mary Alice ...	29, Grasmere Road .....	48807	May 10/1919 (4)
Jones, Ann .....	199, Coalshaw Green Rd.	38271	June 16/1913 (4)
Kershaw, Hilda .....	17, Kersley Street .....	54887	Aug. 13/1921 (4)
Markwell, Hilda .....	177, Lee St. ....	61452	Oct. 8/1923 (4)
McGrath, Margaret .....	7, Kempsey St.....	59474	Feb. 10/1923 (4)
Mayall, Sarah A. ....	2, Esther Street . ....	53875	April 13/1921 (4)
Mills, Mary Ellen .....	235, Ashton Road.....	483	Dec. 17/1903
Musgrove, Annie .....	363, Oldham Road, Failsworth	7712	(4)
O'Hara, Ellen.....	31, Jackson Street .....	28117	Feb. 15/1909 (4)
Reeves, Sarah Elizabeth.	37, Chester Street .....	41891	Feb. 20/1916 (4)
Roberts, Mary Ann .....	4, Flora Street .....	591	Dec. 17/1903
Scholes, Minnie .....	5, Pump Street.....	36297	June 12/1912 (4)
Stafford, Martha Ann ...	41, Walker Lane .....	46268	Aug. 11/1917 (4)

## LIST OF MIDWIVES—CONTINUED.

Name.	Address.	Number of Certificate	Date of Certificate
Taylor, Fanny .....	171, Balfour Street .....	29693	Oct. 30/1909 (4)
revitt, .....	364, Ripponden Rd.....	59642	Feb. 10/1923 (4)
veedale, Mary Jane ...	194, Littlemoor Lane ...	29713	Oct. 30/1909 (4)
hiteside, Lilian M.....	42, Werneth Hall Road..	42838	Nov. 10/1920 (4)
hyatt, Hannah .....	6, Prince Albert Street...	11065	Dec. 22/1904
tes, J. ....	268, Lees Road .....	3043	Feb. 21/1910 (4)

(1) Holds the Certificate of St. Mary's Hospital, Manchester.

(4) Passed the Examination of the Central Midwives' Board.

## HOSPITALS.

## WESTHULME.

This is the General Infectious Disease Hospital for the Town, and Infectious cases are also received from the Guardians, and from the surrounding Urban Districts of Chadderton, Royton, Crompton, Lees and Failsworth, and occasionally from the Borough of Ashton under-Lyne.

There are nominally 100 beds for Infectious Cases.

There is also a Pavilion of thirty beds for the treatment of advanced or observation cases of Pulmonary Tuberculosis, and cases are admitted from the Borough and from the administrative County of Lancashire.

During the year the following cases have been admitted for treatment :—

DISEASE						CASES	DEATHS	
Measles	...	...	...	...	...	10	...	0
Scarlet Fever	...	...	...	...	...	194	...	5
Diphtheria	...	...	...	...	...	53	...	12
Enteric ...	...	...	...	...	...	9	...	2
Erysipelas	...	...	...	...	...	—	...	—
Tuberculosis	...	...	...	...	...	94	...	18
Chicken-pox	...	...	...	...	...	14	...	—
Malnutrition	...	...	...	...	...	36	...	—
Cross Infections	...	...	...	...	...	5	...	1

## STRINESDALE.

This Hospital, formerly the Small-pox Hospital, is now used as a Sanatorium. It is situated in the hills, just within the Borough Boundary, at 1,050 feet above the sea level.



There are 22 beds for early cases of Pulmonary Tuberculosis, and generally the patients do exceedingly well.

During the year 50 cases were admitted, and 17 patients were in Hospital on January 1st, making a total of 67 treated during the year. There were no deaths.

In the latter part of the year the erection of the new Sanatorium was commenced, and it is hoped that it will be available for occupation before another winter.

#### RACEFIELD HOSPITAL.

(Chadderton, Royton and Crompton Joint Hospital Board).

This is now the Small-pox Hospital for Oldham, as well as for the above Districts. When not required for Small-pox it is used by the County Authority for cases of Tuberculosis.

As no cases of Small-pox occurred during the year it was not required for this disease.

## VITAL STATISTICS.

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The Registrar General's estimate of the population for the year was reduced from 148,300 to 147,500, a reduction of 800 persons.

There is undoubtedly a reason for this, but locally there is no indication that there is any decrease in the population—Houses are quite as crowded as they were, and there is certainly no indication that about 200 houses have been released by this reduction of the population.

BIRTHS—There were 218 fewer Births this year, reducing the rate from 19·3 to 17·8 per 1,000, except for the War years of 1917, 1918 and 1919, this is the lowest rate which has ever occurred. There were 7 more females born than males, last year there were 123 more males than females. The highest rates were in Westwood Ward with 24·7, and Hollinwood 21·7, and Mumps 21·4. The lowest rate was in St. Peter's Ward with 12·7.

DEATHS—The Deaths in the Borough totalled to 2,352, or 20 more than in the year 1922, and giving a death rate of 16·0 per 1,000 persons, compared with 15·8 and 14·8 in the previous two years.

The natural increase in the Borough or the increase of births over deaths was only 265, compared with 503 and 958 in 1922 and 1921 respectively.

The following Statistics allow a comparison with the rest of the Country :—

	England and Wales	105 Great Towns	155 Smaller Towns	Oldham
Birth Rate ... ..	19·7	20·4	19·8	17·8
Death Rate ... ..	11·6	11·6	10·6	16·0
Death Rate from Enteric Fever ...	0·01	0·01	0·01	0·00
Measles ... ..	0·14	0·15	0·19	0·08
Scarlet Fever ...	0·03	0·03	0·02	0·03
Whooping Cough	0·10	0·12	0·10	0·31
Diphtheria ... ..	0·07	0·09	0·06	0·07
Influenza ... ..	0·22	0·22	0·21	0·78
Violence ... ..	0·44	0·40	0·38	0·47
Rate per 1,000 Births—Enteritis and Diarrhœa (under two years).	7·7	9·9	6·4	7·2
Total Deaths under one year per 1,000 Births... ..	69	72	69	110

The following table gives the death rates per 1,000 persons, from certain specified diseases, more or less influenced by defective conditions in the various Wards, calculated on the Census populations, and thus in most cases probably higher than the actual rate—

Ward	Infectious Diseases			Tuberculosis		Respiratory Diseases			Diarrhœa and Enteritis	Deaths under one year per 1,000 births
	Measles	Whooping Cough	Diphtheria	Pulmon'y	Other Forms	Influenza	Bronchitis	Pneumonia		
Mary's ...	0·9	...	0·9	1·4	0·4	0·8	2·4	1·1	0·4	145
Peter's ...	0·4	...	...	1·0	0·2	0·3	1·9	0·9	...	148
erneth .....	...	...	0·08	0·6	0·2	0·6	1·7	1·0	...	111
stwood ...	0·3	0·06	0·06	1·4	0·06	0·8	2·1	0·9	0·06	81
Paul's ...	0·5	0·1	0·06	0·7	0·2	0·4	1·6	1·2	0·06	78
dhurst ...	0·5	0·1	0·2	1·1	0·2	0·6	2·5	1·8	0·4	136
ortford.....	0·3	0·07	...	0·9	0·3	1·2	1·8	0·7	0·15	88
llinwood...	0·5	0·1	...	1·0	0·3	0·5	1·8	0·7	0·2	94
arksfield ...	0·4	0·06	0·2	0·6	0·06	0·3	1·6	1·5	0·4	84
mps ...	1·5	...	..	1·0	0·6	0·6	4·0	1·9	0·4	175
James's ..	0·6	...	0·2	0·8	0·3	0·5	1·9	1·0	0·1	115
terhead ...	0·25	0·2	...	1·5	0·4	0·7	2·2	1·7	0·5	123
Borough...	0·47	0·06	0·07	0·96	0·24	0·59	1·99	1·17	0·21	110

## PREVALENCE OF DISEASE.

At the request of the Ministry of Health, a circular letter was sent to all the medical men in the Town, asking for their observations as to any diseases especially prevalent during the year.

Nine replies were received, indicating that Influenza, Pnuemonia, and Whooping Cough had been more prevalent than usual.

One Doctor reported three cases of Epithelioma of the Scrotum, all in cotton operatives, and all on the left side, which he considered were due to the friction caused by standing on one leg while following their occupation.



# VITAL STATISTICS, 1923.

## SUMMARY.

Population estimated by the Registrar General to  
the middle of the year ... .. 147,500

Births registered in the 52 weeks ending December  
31st, 1923 ... .. Males ... 1,305 }  
Females ... 1,312 } 2,617

Deaths registered in the 52 weeks ending December  
31st, 1923 ... .. Males ... 1,185 }  
Females ... 1,167 } 2,352

Deaths from the seven principal Zymotic diseases 80

Deaths under 1 per 1,000 Births ... .. 110

Annual Rate of Births per 1,000 living population 17·8

Annual Rate of Mortality from all causes per 1,000  
living population ... .. 16·0

Annual Rate of Mortality per 1,000 living popula-  
tion from the seven principal Zymotic diseases 0·5

Of the 2,352 deaths registered during the year 1923,  
434 or 18·4 per cent. were those of children under 5  
years of age.

## PRINCIPAL CAUSES OF DEATHS.

Bronchitis ... .. 326	Debility, &c. ... .. 58
Pneumonia ... .. 218	Cancer ... .. 192
Phthisis ... .. 127	Convulsions ... .. 19
Heart Disease... .. 232	Diarrhœa... .. 6
Measles ... .. 12	Premature Birth ... 46
Apoplexy, &c.... .. 167	Whooping Cough ... 46
Diphtheria ... .. 10	Accidents... .. 70
Total Rateable Value ... .. £815,007 10 0	
Sum represented by a Penny Rate ... .. £3,100 0 0	



TABLE No. 1.  
HOUSES BUILT IN THE BOROUGH.

YEAR.				No. OF HOUSES BUILT.
March, 1882, to March, 1883	...	...		644
„ 1883	„ 1884	...	...	631
„ 1884	„ 1885	...	...	737
„ 1885	„ 1886	...	...	780
„ 1886	„ 1887	...	...	657
„ 1887	„ 1888	...	...	711
„ 1888	„ 1889	...	...	371
„ 1889	„ 1890	...	...	218
„ 1890	„ 1891	...	...	214
„ 1891	„ 1892	...	...	190
„ 1892	„ 1893	...	...	227
„ 1893	„ 1894	...	...	362
„ 1894	„ 1895	...	...	284
„ 1895	„ 1896	...	...	294
„ 1896	„ 1897	...	...	360
„ 1897	„ 1898	...	...	505
„ 1898	„ 1899	...	...	455
„ 1899	„ 1900	..	...	608
„ 1900	„ 1901	...	...	543
„ 1901	„ 1902	...	...	439
„ 1902	„ 1903	..	...	375
„ 1903	„ 1904	...	...	357
„ 1904	„ 1905	...	...	242
„ 1905	„ 1906	...	...	185
„ 1906	„ 1907	...	...	169
„ 1907	„ 1908	...	...	210
„ 1908	„ 1909	...	...	283
„ 1909	„ 1910	...	...	443
„ 1910	„ 1911	...	...	453
„ 1911	„ 1912	...	...	283
„ 1912	„ 1913	...	...	288
„ 1913	„ 1914	...	...	283
„ 1914	„ 1915	...	...	212
„ 1915	„ 1916	...	...	85
„ 1916	„ 1917	...	...	16
„ 1917	„ 1918	...	...	2
„ 1918	„ 1919	...	...	1
„ 1919	„ 1920	...	...	4
„ 1920	„ 1921	...	...	27
„ 1921	„ 1922	...	...	29
„ 1922	„ 1923	...	...	318
„ 1923	„ 1924	...	...	42

TABLE No. 2.

INFANTILE MORTALITY DURING THE YEAR 1923.

DEATHS FROM STATED CAUSES IN WEEKS AND MONTHS UNDER  
ONE YEAR OF AGE.

CAUSE OF DEATH					Under 1 week	1-2 weeks	2-3 weeks	3-4 weeks	Total under 1 month	1-3 months	3-6 months	6-9 months	9-12 months	Total deaths under 1 year
All Causes { Certified ... ..					...	...	...	...	...	...	...	...	...	...
{ Uncertified ... ..					...	..	...	...	...	...	...	...	..	...
Small-Pox ... ..					...	...	...	...	...	...	...	...	...	...
Chicken-Pox ... ..					...	...	..	...	...	...	...	1	...	1
Measles ... ..					...	1	...	...	1	...	1	1	...	3
Scarlet Fever ... ..					...	...	...	...	..	...	...	...	...	..
Whooping Cough ... ..					1	...	...	...	1	3	7	9	4	24
Diphtheria and Croup ... ..					...	...	...	...	...	...	...	...	...	...
Erysipelas ... ..					...	...	...	...	...	...	...	...	...	...
Tubercular Meningitis ... ..					...	...	...	...	...	...	...	3	...	3
Abdominal Tuberculosis ... ..					...	...	...	...	..	...	...	...	...	...
Other Tuberculous Diseases... ..					...	...	...	...	...	..	1	...	...	1
Meningitis ( <i>not Tuberculous</i> ) ... ..					...	...	...	...	...	...	...	...	1	1
Convulsions ... ..					5	2	1	...	8	5	1	...	1	15
Laryngitis ... ..					...	...	...	...	...	...	...	1	...	1
Bronchitis ... ..					1	...	1	...	2	7	9	7	2	27
Pneumonia (all forms) ... ..					...	...	...	...	...	6	10	9	10	35
Diarrhœa ... ..					...	...	...	...	...	...	...	...	1	1
Enteritis ... ..					...	1	...	1	2	6	3	3	2	16
Gastritis ... ..					...	...	...	1	1	...	1	...	1	3
Syphilis ... ..					...	1	...	1	2	1	3	...	1	7
Rickets ... ..					...	...	...	...	...	...	...	...	...	...
Suffocation, overlying ... ..					1	...	...	...	1	...	...	...	...	1
Injury at Birth ... ..					4	...	...	...	4	...	...	1	..	5
Atelectasis ... ..					3	...	...	...	3	...	...	...	...	3
Congenital Malformations ... ..					4	...	1	...	5	...	1	...	...	6
Premature Births ... ..					34	5	2	1	42	5	1	...	...	48
Atrophy, Debility and														
Marasmus ... ..					12	5	6	6	29	15	9	3	1	57
Other Causes ... ..					11	3	2	2	18	4	8	3	3	36
TOTALS.....					76	18	13	12	119	52	55	41	27	294



TABLE No. 3.

DEATHS UNDER ONE YEAR OF AGE IN 1923.

Nature of Disease.	How Fed.					Occupation of Mother.			
	Bottle.	Breast.	Artificial food.	Both Breast and Bottle.	No Food.	Cotton Worker.	Charwoman or Domestic Servant.	Other Occupations.	Housework.
Small-pox .....	...	...	...	...	...	...	...	...	...
Chicken-pox .....	...	1	...	...	...	...	...	...	1
Measles .....	1	2	...	...	...	1	...	...	2
Scarlet Fever .....	...	...	...	...	...	...	...	...	...
Whooping Cough .....	5	13	5	1	...	3	...	...	21
Diphtheria & Croup ..	...	...	...	...	...	...	...	...	...
Erysipelas ..	...	...	...	...	...	...	...	...	...
Tubercular Meningitis	...	2	1	...	...	...	...	...	3
Abdominal									
Tuberculosis .....	...	...	...	...	...	...	...	...	...
Other Tubercular									
Diseases .....	1	...	...	...	...	...	...	...	1
Meningitis (not									
Tuberculous) ...	...	1	...	...	...	...	...	...	1
Convulsions .....	2	9	1	...	3	4	...	1	10
Laryngitis .....	1	...	...	...	...	...	...	...	1
Bronchitis ..	8	18	...	...	1	5	...	...	22
Pneumonia (all forms)	9	18	7	1	...	12	...	1	22
Diarrhœa .....	...	...	1	...	...	...	...	...	1
Enteritis ..	3	5	6	2	...	4	...	...	12
Gastritis .....	1	1	1	...	...	...	...	...	3
Syphilis .....	3	2	2	...	...	2	...	...	5
Rickets .....	...	...	...	...	...	...	...	...	...
Suffocation, over-									
lying .....	...	...	...	...	1	...	...	...	1
Injury at birth...	...	2	...	...	3	1	...	...	4
Atelectasis .....	1	...	1	...	1	2	...	...	1
Congenital Mal-									
formation ...	...	6	...	...	...	1	...	...	5
Premature Births ..	5	17	1	...	25	20	...	...	28
Atrophy, Debility,									
and Marasmus...	16	27	4	4	6	14	...	4	39
Other Causes .....	8	17	2	2	7	10	...	...	26
TOTALS .....	64	141	32	10	47	79	...	6	209

TABLE No. 6.—Showing Population, Births and Birth Rates, Deaths and Death Rates.—1923.

WARD.	Population.	Area in Acres.	Density (Persons to an Acre).	BIRTHS.			Birth Rate per 1,000 Population.	DEATHS.			Death Rate per 1,000 Population.
				Males.	Females.	Total.		Males.	Females.	Total.	
St. Mary's .....	10,901	113	96·5	109	111	220	20·2	101	95	196	18·0
St. Peter's .....	10,655	271	39·3	67	68	135	12·7	83	96	179	16·8
Werneth .....	11,739	262	44·8	105	92	197	16·7	87	100	187	15·9
Westwood .....	14,546	280	51·9	178	180	358	24·7	121	89	210	14·5
St. Paul's .....	15,857	457	34·7	124	118	242	15·2	92	90	182	11·4
Coldhurst .....	9,928	130	76·4	97	108	205	20·7	105	78	183	18·5
Hartford .....	12,835	207	62·0	118	96	214	16·7	107	99	206	16·0
Hollinwood.....	9,842	420	23·4	98	115	213	21·7	69	70	139	14·2
Clarksfield .....	16,264	623	26·1	120	141	261	15·9	107	135	242	14·7
Mumps .....	8,037	125	64·3	88	83	171	21·4	99	77	176	22·0
St. James' .....	10,913	1,015	10·7	89	93	182	16·7	95	90	185	17·0
Waterhead .....	13,466	826	16·3	112	107	219	16·2	119	148	267	19·7
Total.....	147,500	4,729	31·2	1,305	1,312	2,617	17·8	1,185	1,167	2,352	16·0

The Populations of the Wards are Census numbers.

YEAR.	Population estimated to middle of each Year.	BIRTHS.		TOTAL DEATHS REGISTERED IN THE DISTRICT.				Total Deaths in Public Institutions in the District.	Deaths of Non-residents in Public Institutions in the District.	Deaths of residents beyond the District.	NETT DEATHS AT ALL AGES BELONGING TO THE DISTRICT.	
		Number	Rate.	Under 1 Year of Age.		At all Ages.					Number	Rate.
				Number	Rate per 1,000 Births register'd	Number	Rate.					
1913	149,936	3465	23·2	483	138	2690	18·0	610	191	53	2552	17·1
1914	151,044	3493	23·0	476	136	2850	18·8	636	214	58	2694	17·8
1915	141,781	3007	20·8	380	126	2745	19·0	682	209	65	2601	18·0
1916	148,107	2667	17·8	325	122	2442	17·8	696	228	80	2294	16·7
1917	...	2150	14·4	238	110	2298	17·2	701	229	67	2136	16·0
1918	...	2057	13·8	243	118	3036	22·8	828	287	72	2821	21·1
1919	...	2246	15·7	213	95	2390	17·2	438	225	56	2221	16·0
1920	143,154	3372	23·6	355	105	2285	16·0	451	205	60	2140	15·0
1921	148,300	3136	21·3	341	109	2333	15·9	397	207	52	2178	14·8
1922	148,300	2835	19·3	301	106	2531	17·2	537	256	57	2332	15·8
Averages for years 1913-1922	.....	2843	19·3	335	116	2560	18·0	600	225	62	2396	16·8
1923	147,500	2617	17·8	289	110	2560	17·4	527	264	56	2352	16·0

AT CENSUS OF 1921.—Total population at all ages, 145,001. Number of inhabited houses, 34,781. Area of District in Acres, 4,729. Average number of persons per house, 4·26.



TABLE No. 10.

Showing the Birth-rates, also Rates of Mortality from all causes, from the seven principal Zymotic Diseases, and from Phthisis, Bronchitis, and Pneumonia, during the years 1887-1923

Year	Population	RATES PER 1,000 POPULATION FROM						Deaths under 1 year to 1000 births
		Births	Deaths all causes	7 princip'l Zymotic Diseases	Phthisis	Bronchitis	Pneumonia	
1887	123,687	33·8	25·8	4·5	2·0	3·2	2·1	187
1888	125,717	33·3	22·3	2·2	1·9	2·6	2·6	151
1889	127,781	31·5	22·7	3·3	1·9	2·8	2·6	178
1890	129,878	31·0	24·4	2·5	2·0	3·4	3·1	180
1891	132,010	30·8	25·6	2·3	1·9	3·7	3·3	193
<b>Average 5 y'rs</b>		<b>32·1</b>	<b>24·2</b>	<b>2·9</b>	<b>1·9</b>	<b>3·1</b>	<b>2·7</b>	<b>178</b>
1892	132,171	29·5	22·3	2·7	2·1	2·8	2·3	177
1893	132,738	29·4	21·6	2·6	1·9	2·3	2·4	186
1894	133,313	28·4	19·4	1·9	2·0	2·1	1·9	162
1895	133,888	29·0	23·1	2·9	1·8	2·7	2·4	190
1896	134,475	29·1	21·6	2·9	1·7	2·5	2·3	183
<b>Average 5 y'rs</b>		<b>29·1</b>	<b>21·6</b>	<b>2·6</b>	<b>1·9</b>	<b>2·5</b>	<b>2·3</b>	<b>180</b>
1897	135,045	28·2	20·7	2·7	1·7	2·0	2·2	183
1898	135,617	27·7	19·2	2·4	1·7	2·1	2·2	174
1899	136,210	27·5	22·7	2·4	1·6	2·8	2·6	198
1900	136,797	27·1	22·0	2·7	1·9	2·8	2·3	173
1901	137,382	24·6	19·7	2·5	1·6	2·2	2·2	173
<b>Average 5 y'rs</b>		<b>27·0</b>	<b>20·9</b>	<b>2·5</b>	<b>1·7</b>	<b>2·4</b>	<b>2·3</b>	<b>180</b>
1902	138,091	26·1	19·1	2·0	1·5	2·1	2·0	148
1903	138,786	25·6	18·6	2·4	1·6	2·4	1·6	160
1904	139,497	24·9	18·3	2·3	1·4	2·2	1·5	155
1905	140,225	24·3	18·1	2·1	1·5	1·9	1·6	150
1906	140,969	26·9	18·8	2·8	1·3	1·7	1·6	146
<b>Average 5 y'rs</b>		<b>25·5</b>	<b>18·6</b>	<b>2·3</b>	<b>1·4</b>	<b>2·0</b>	<b>1·6</b>	<b>152</b>
1907	141,730	26·5	19·3	1·5	1·6	2·5	1·9	144
1908	142,507	28·4	20·1	2·6	1·5	2·2	1·5	159
1909	143,301	27·4	19·0	1·1	1·4	2·2	1·8	119
1910	146,700	25·2	16·7	1·8	1·1	1·7	1·5	127
1911	147,751	24·4	18·2	2·5	1·2	1·7	1·5	159
<b>Average 5 y'rs</b>		<b>26·4</b>	<b>18·6</b>	<b>1·9</b>	<b>1·3</b>	<b>2·0</b>	<b>1·6</b>	<b>141</b>
1912	148,840	22·9	16·3	1·3	1·3	1·8	1·3	117
1913	149,936	23·2	17·1	1·4	1·2	2·0	1·3	139
1914	151,044	23·0	17·8	2·5	1·2	1·9	1·4	136
1915	141,781	20·8	18·0	1·0	1·4	2·3	1·6	126
1916	*136,126	17·8	16·7	0·9	1·3	1·8	0·9	122
<b>Average 5 y'rs</b>		<b>21·5</b>	<b>17·2</b>	<b>1·4</b>	<b>1·3</b>	<b>1·9</b>	<b>1·3</b>	<b>128</b>
1917	*133,721	14·4	16·0	0·8	1·3	2·1	1·3	110
1918	149,285	13·8	21·1	1·0	1·2	2·7	2·3	118
1919	.....	15·7	16·0	0·6	0·9	2·2	1·1	95
1920	143,154	23·6	15·0	0·4	1·1	1·6	1·2	105
1921	148,300	21·3	14·8	0·5	0·8	1·7	1·2	109
<b>Average 5 y'rs</b>		<b>17·7</b>	<b>16·6</b>	<b>0·6</b>	<b>1·1</b>	<b>2·1</b>	<b>1·4</b>	<b>107</b>
1922	148,300	19·3	15·8	0·7	0·9	2·0	1·2	106
1923	148,300	17·8	16·0	0·5	0·8	2·2	1·5	110

\* Estimated for Deaths.



TABLE No. 11.

Showing the number of deaths from the Seven Principal Zymotic Diseases in the Borough of Oldham, during the years 1884-1923.

Year	Population	Smallpox	Measles	Scarlet Fever	Diphtheria	Whooping Cough	Fever Typhus and Typhoid	Diarrhoea	Total Deaths
1884	117,791	..	193	33	7	36	22	149	440
1885	119,724	...	54	20	14	104	18	46	256
1886	121,690	...	89	32	29	57	30	134	371
1887	123,687	...	176	103	62	100	25	89	555
1888	125,717	13	53	66	36	40	24	43	275
1889	127,781	...	126	54	16	127	20	78	421
1890	129,878	...	95	25	6	82	15	96	319
1891	132,010	...	97	25	18	71	27	68	306
1892	132,171	15	139	42	18	68	16	56	354
1893	132,738	65	29	16	16	56	26	140	348
1894	133,313	22	56	21	39	58	15	46	257
1895	133,888	23	97	16	25	57	26	143	387
1896	134,475	...	165	56	34	53	23	72	403
1897	135,045	...	96	21	9	77	19	145	367
1898	135,617	..	87	24	10	65	23	114	323
1899	136,210	..	49	46	21	54	18	138	326
1900	136,797	3	108	54	20	89	17	76	367
1901	137,382		73	41	13	30	9	171	337
1902	138,091	7	103	39	49	29	13	42	282
1903	138,786	23	43	30	58	111	12	47	324
1904	139,497	14	70	22	34	37	22	117	316
1905	140,225	5	65	45	11	57	12	98	293
1906	140,969	...	125	33	17	41	6	175	397
1907	141,730	...	35	17	17	66	4	78	217
1908	142,507	...	82	28	23	54	12	174	373
1909	143,301	...	43	16	14	15	12	54	159
1910	146,700	...	84	4	9	77	10	80	264
1911	147,751	...	64	5	11	13	3	260	356
1912	148,840	...	65	7	12	65	...	52	201
1913	149,936	...	38	19	19	36	3	104	219
1914	151,044	...	169	48	39	56	5	69	386
1915	141,781*	...	48	17	20	15	4	49	153
1916	136,126*	...	29	3	30	48	2	32	144
1917	133,721	...	73	3	6	4	4	25	115
1918	149,285	...	34	7	10	71	7	5	134
1919	.....	...	25	13	21	5	5	17	86
1920	143,154	...	6	6	15	17	1	12	57
1921	148,300	...	2	7	9	34	3	15	70
1922	148,300	...	70	8	11	9	3	10	111
1923	148,300	...	12	5	10	46	1	6	80

\* Estimated for Deaths.

TABLE No. 12.

Weekly Means of Meteorological Observations for the year 1923.

DATE	Barometer reduced to Sea Level at 32.0	Thermometer	HYGROMETER		% of Saturation	TEMPERATURES.							Rainfall 12in. above ground.	Number of Days on which rain fell	Clouds covered = 10 clear = 0	Sunshine recorded at Strinesdale
			Dry	Wet		Maximum in Shade	Minimum in Shade.	Maximum in Sun Black Bulb	Maximum in Sun Black Bulb in Vacuo	Minimum on Grass.	Temperature 12in. below surface.	Temperature 4 ft. below surface.				
1923			*		—	44	35	*	—	*	—	*	—	8	3.0	
January 6	28.86	42	—	41	—	46	36	—	—	—	—	—	—	8	6.6	
13	28.84	—	—	43	—	45	37	—	—	—	—	—	—	7	9.55	
20	29.38	46	—	42	—	44	36	—	—	—	—	—	—	8	1.37	
27	29.53	—	—	43	—	49	44	—	—	—	—	—	—	9	0.5	
February 3	29.23	47	—	47	—	45	36	—	—	—	—	—	—	6	11.87	
10	28.69	43	—	41	—	43	35	—	—	—	—	—	—	8	5.10	
17	29.02	41	—	40	—	39	30	—	—	—	—	—	—	10	9.85	
24	28.47	—	—	36	—	45	38	—	—	—	—	—	—	10	6.77	
March 3	28.36	43	—	42	—	44	35	—	—	—	—	—	—	10	1.4	
10	29.03	—	—	41	—	44	36	—	—	—	—	—	—	8	11.55	
17	29.24	42	—	41	—	49	36	—	—	—	—	—	—	9	28.6	
24	29.15	43	—	44	—	56	42	—	—	—	—	—	—	6	27.75	
31	29.33	52	—	51	—	51	40	—	—	—	—	—	—	7	6.3	
April 7	29.09	46	—	47	—	50	38	—	—	—	—	—	—	8	22.35	
14	28.81	46	—	46	—	49	35	—	—	—	—	—	—	6	28.7	
21	29.03	—	—	46	—	48	35	—	—	—	—	—	—	6	27.8	
28	28.95	43	—	42	—	57	46	—	—	—	—	—	—	4	18.35	
May 5	29.13	—	—	51	—	52	38	—	—	—	—	—	—	7	31.5	
12	29.01	47	—	46	—	47	37	—	—	—	—	—	—	8	12.6	
19	29.11	—	—	45	—			—	—	—			—	3		





TABLE No. 15.

## COUNTY BOROUGH OF OLDHAM.

Deaths Registered at Several Groups of Ages from Different Causes  
during 52 Weeks ending December, 1923.

CAUSE OF DEATH.	AGES.												
	0 to 1	1 to 5	Total under 5 years	5 to 15	15 to 25	25 to 35	35 to 45	45 to 55	55 to 60	60 to 65	65 to 75	75 to 85	85 and upwards
<i>Classes.</i>													
I.—SPECIFIC FEBRILE OR ZYMOTIC DISEASES ...	42	60	102	24	49	47	45	47	29	13	31	4	1
II.—PARASITIC DISEASES ...	...	...	...	...	...	...	...	...	...	...	...	...	...
III.—DIETETIC DISEASES ...	...	...	...	...	...	...	...	...	...	...	...	...	...
IV.—CONSTITUTIONAL DISEASES...	1	1	2	9	3	8	18	44	32	49	62	19	1
V.—DEVELOPMENTAL DISEASES...	55	...	55	...	...	...	...	1	6	4	34	50	12
VI.—LOCAL DISEASES .....	120	77	197	42	36	72	90	187	129	146	319	146	8
VII.—DEATHS FROM VIOLENCE	7	4	11	8	4	7	10	6	3	4	12	4	1
VIII.—DEATHS FROM ILL- DEFINED AND NOT SPECIFIED CAUSES ...	64	3	67	5	1	5	6	4	5	3	11	1	1
TOTALS .....	289	145	434	88	93	139	169	289	204	219	469	224	24
I.—SPECIFIC FEBRILE OR ZYMOTIC DISEASES.													
1. <i>Miasmatic Diseases.</i>													
Small-pox .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Measles .....	4	8	12	...	...	...	...	...	...	...	...	...	...
Scarlet Fever .....	...	2	2	1	2	...	...	...	...	...	...	...	...
Typhus .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Whooping Cough .....	22	22	44	2	...	...	...	...	...	...	...	...	...
Diphtheria .....	...	7	7	1	2	...	...	...	...	...	...	...	...
Simple Continued and Ill- defined Fever .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Enteric or Typhoid Fever ..	...	...	...	...	1	...	...	...	...	...	...	...	...
Tabes Mesenterica .....	...	...	...	2	...	...	...	...	...	...	...	...	...
Tubercular Meningitis, Hydro- cephalus .....	3	6	9	2	2	...	...	...	...	...	...	...	...
Phthisis .....	...	3	3	4	23	30	32	18	7	3	7	...	...
Other Forms of Tuberculosis													
Scrofula .....	1	2	3	8	11	5	4	4	...	3	...	...	...
Other Miasmatic Diseases .....	1	...	1	...	...	...	...	...	...	...	...	...	...
Influenza .....	3	6	9	4	7	10	8	24	21	6	21	4	1
2. <i>Diarrhœal Diseases.</i>													
Simple Cholera .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Diarrhœa Dysentery .....	1	2	3	...	...	...	...	...	1	...	2	...	...





TABLE No. 15—Continued.

CAUSE OF DEATH.	AGES.											
	0 to 1	1 to 5	Total under 5 years	5 to 15	15 to 25	25 to 35	35 to 45	45 to 55	55 to 60	60 to 65	65 to 75	75 to 85
V.—DEVELOPMENTAL DISEASES.												
Premature Birth.....	46	...	46	...	...	...	...	...	...	...	...	...
Atelectasis .....	5	...	5	...	...	...	...	...	...	...	...	...
Congenital Malformations... ..	4	...	4	...	...	...	...	...	...	...	...	...
Old Age .....	...	...	...	...	...	...	...	1	6	4	34	50
VI.—LOCAL DISEASES.												
1. <i>Diseases of Nervous System.</i>												
Inflammation of Brain or Membranes .....	1	3	4	7	...	3	1	...	...	...	...	...
Apoplexy, Softening of Brain, Hemiplegia, Brain Paralysis.	1	...	1	...	1	...	2	24	14	25	67	32
Insanity, General Paralysis of the Insane .....	...	...	...	...	1	1	5	10	1	1	3	...
Epilepsy .....	...	...	...	...	1	5	4	1	4	...	1	...
Convulsions .....	14	4	18	...	...	...	1	...	...	...	...	...
Laryngismus Stridulus (Spasm of Glottis) .....	1	...	1	...	...	...	...	...	...	...	...	...
Encephalitis Lethargica .....	...	2	2	2	...	...	2	4	2	...	1	...
Poliomyelitis .....	...	1	1	...	...	...	...	...	...	...	...	..
Disease of Spinal Cord, Para- plegia, Paralysis Agitans...	1	...	1	...	1	...	1	1	3	2	3	...
Other Diseases of Nervous System .....	...	...	...	...	...	1	...	1	...	...	..	...
2. <i>Diseases of Organs of Special Sense.</i>												
Of Ear, Eye, Nose .....	...	...	...	1	1	2	..	...	...	...	...	...
Cerebro Spinal Meningitis.....	...	...	...	...	...	...	...	...	...	...	...	...
3. <i>Diseases of Circulatory System.</i>												
Pericarditis .....	...	...	...	1	...	...	...	...	...	...	...	...
Acute Endocarditis.....	...	...	...	...	1	1	2	1	2	2	5	..
Valvular Diseases of Heart ...	...	...	...	2	5	12	12	16	12	14	20	7
Other Diseases of Heart .....	7	...	7	5	3	5	5	24	11	20	33	17
Aneurism .....	...	...	...	...	...	...	...	...	3	...	...	...
Embolism, Thrombosis .....	...	...	...	...	...	...	...	2	...	2	6	2
Other Diseases of Blood Vessels	1	...	1	...	...	2	1	6	4	4	13	11
4. <i>Diseases of Respiratory System.</i>												
Laryngitis .....	...	...	...	1	...	...	...	...	...	...	...	..
Croup .....	...	...	...	...	...	...	...	...	...	...	...	...
Emphysema, Asthma .....	...	...	...	...	...	...	...	3	...	...	1	...
Bronchitis .....	26	10	36	2	3	3	8	29	42	42	100	59
Pneumonia .....	35	47	82	11	11	16	17	27	11	12	28	2
Pleurisy .....	...	...	...	...	...	1	1	1	1	..	1	...
Other Diseases of Respiratory System ... ..	2	...	2	1	...	...	...	...	...	1	3	1

TABLE No. 15—Continued.

CAUSE OF DEATH.	AGES.													TOTALS.
	0 to 1	1 to 5	Total under 5 years	5 to 15	15 to 25	25 to 35	35 to 45	45 to 55	55 to 60	60 to 65	65 to 75	75 to 85	85 and upwards	
<i>Diseases of Digestive System.</i>														
.....	...	2	2	...	...	...	...	...	...	...	...	...	...	2
at, Quinsy .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
of Stomach .....	4	1	5	1	...	2	5	7	1	4	2	3	...	30
.....	16	2	18	...	...	...	...	...	1	1	...	2	...	22
ve Diseases of														
ine .....	1	...	1	...	...	...	1	5	2	1	3	1	...	14
.....	...	1	1	...	...	...	...	...	1	1	2	1	...	6
s .....	...	...	...	1	...	...	...	1	...	...	1	...	...	3
itis and Typhilitis ..	...	1	1	5	...	4	3	2	...	...	2	...	...	17
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
of Liver .....	...	...	...	...	...	...	1	1	1	3	...	...	...	6
and other Diseases														
er .....	5	...	5	...	...	...	...	...	...	...	1	...	...	6
ases of Digestive														
1 .....	3	...	3	...	1	...	1	2	1	2	3	...	...	13
<i>Diseases of Lymphatic System.</i>														
atics and of Spleen..	...	...	...	...	...	...	...	1	...	...	...	...	...	1
<i>Diseases of Glandlike of Uncertain Use.</i>														
le, Addison's														
e .....	...	1	1	...	...	1	...	2	1	...	...	...	...	5
<i>Diseases of Urinary System.</i>														
.....	...	...	...	...	2	4	7	7	5	5	7	2	...	39
isease, Albuminuria.	...	1	1	1	2	5	2	5	3	2	2	3	...	26
Bladder or of Pros-														
.....	...	...	...	...	...	...	1	...	...	1	9	...	...	11
ases of the Urinary														
1 .....	...	...	...	...	...	1	1	2	1	1	1	3	...	10
<i>Diseases of Reproductive System.</i>														
<i>Organs of Generation.</i>														
ns .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
rgans .....	...	...	...	...	...	...	1	...	...	...	...	...	...	1
<i>of Parturition.</i>														
Miscarriage .....	...	...	...	...	...	...	1	...	...	...	...	...	...	1
Convulsions .....	...	...	...	...	...	1	...	...	...	...	...	...	...	1
orævia, Flooding ..	...	...	...	...	...	1	2	...	...	...	...	...	...	3
idents of Childbirth.	...	...	...	...	2	1	2	...	...	...	...	...	...	5
<i>Diseases of Bones and Joints.</i>														
rosis .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ostitis, Periostitis...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
ases of Bones and														
.....	...	...	...	...	...	...	...	1	...	...	...	...	...	1







TABLE No. 16.

## SCARLET FEVER.

Ages	Cases Reported.	Deaths of such Cases.	
		Total.	Percentage.
Under 5 years ...	60	2	3·3
5 to 10 .. ...	88	1	1·14
10 to 15... ..	60	1	1·67
15 to 25... ..	26	...	...
25 to 35... ..	5	...	...
35 to 45... ..	4	...	...
45 to 55... ..	...	...	...
Over 55 ... ..	1	...	...
Total ... ..	244	4	1·64

TABLE No. 17.

DIPHTHERIA.

Ages.	Cases Reported.	Deaths of such Cases.	
		Total.	Percentage.
Under 5 years ...	29	9	31·0
5 to 10... ...	14	1	7·14
10 to 15... ...	6	...	...
15 to 25... ...	10	2	20·0
25 to 35... ...	...	...	...
35 to 45... ...	...	...	...
45 to 55... ...	...	...	...
Over 55... ...	...	...	...
Total .....	59	12	20·3

TABLE No. 18.  
TYPHOID OR ENTERIC FEVER.

Ages.	Cases Reported.	Deaths of such Cases.	
		Total.	Percentage
Under 5 years ...	...	...	...
5 to 10... ...	...	...	...
10 to 15... ...	...	...	...
15 to 25... ...	2	1	50·0
25 to 35... ...	...	...	...
35 to 45... ...	...	...	...
45 to 55... ...	...	...	...
Over 55... ...	...	...	...
Total ... ..	2	1	50·0

TABLE No. 19.

Showing the number of Cases of Sickness and the Deaths Registered during the several months of the year 1923 in Oldham.

MONTHS.	SMALLPOX.		SCARLET FEVER.		DIPH- THERIA.		TYPHOID FEVER.		PUER- PERAL FEVER.		CEREBRO- SPINAL MENINGITIS.		ACUTE POLIOMYE- LITIS		ENCEPA- LITIS LETHARGICA		ERYSIPELAS		DYSENTRY		MALARIA	
	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
January ...	...	...	42	1	10	1	...	...	2	1	...	...	...	...	...	...	8	...	...	...	...	...
February...	...	...	45	1	5	1	...	...	1	...	...	...	...	...	...	...	8	...	...	...	...	...
March .....	...	...	43	1	5	...	1	...	...	1	...	...	...	...	...	...	9	...	...	...	...	...
April .....	...	...	13	2	7	2	...	...	1	...	...	...	...	...	3	3	3	...	...	...	...	...
May .....	...	...	29	...	4	2	...	...	...	...	...	...	...	...	3	2	6	2	...	...	...	...
June .....	...	...	14	...	2	...	...	...	2†	...	...	...	...	...	...	2	5	...	...	...	...	...
July .....	...	...	18	...	5	...	...	...	1	...	...	...	...	...	...	2	2	...	...	...	...	...
August ...	...	...	10	...	5	...	1	...	...	...	...	...	...	...	1	...	3	...	...	...	...	...
September.	...	...	3	...	1	2	...	...	1	...	1†	1	...	...	2°	2	2	...	...	...	...	...
October ..	...	...	8	...	1	...	1*	...	...	...	...	...	...	...	1	1	6	...	...	...	...	...
November..	...	...	7	...	5	1	...	...	1	1	...	...	...	...	2	1	6	1	...	...	...	...
December..	...	...	12	...	9	2	...	...	...	...	...	...	...	...	3	3	6	...	...	...	...	...
Totals ...	...	...	244	5	59	11	3*	1	9†	3	1†	1	...	...	18°	14	64	3	...	...	...	...

\* Including one case notified by Manchester Health Department.

† Including one case admitted into Oldham Union from Royton when already suffering from Puerperal Fever.

° Including one case admitted into Oldham Union from Chadderton when already suffering from Cerebro Spinal Meningitis.

Including one case admitted into Oldham Union from Royton when already suffering from Encephalitis Lethargica.



TABLE No. 20.

Cases of Infectious Disease notified during the Year 1923.

NOTIFIABLE DISEASE.	CASES NOTIFIED IN WHOLE DISTRICT.						
	At all Ages.	At Ages—Years.					
		Under 1	1 to 5	5 to 15	15 to 25	25 to 65	65 and upwds
Small-pox .. ..	...	...	...	...	...	...	...
Scarlet Fever ..	244	2	58	148	26	10	...
Diphtheria ... ..	59	...	29	20	10	...	...
Enteric Fever ..	3	...	...	...	2	...	...
Puerperal Fever ...	9†	...	...	...	2	6	...
Cerebro Spinal Fever ... ..	1†	...	...	...	...	...	...
Acute Poliomyelitis ...	...	...	...	...	...	...	...
Encephalitis Lethargica ... ..	18§	...	1	4	...	11	1
Typhus Fever ...	...	...	...	...	...	..	...
Erysipelas ... ..	63	...	1	2	3	48	9
Dysentery . . . . .	...	...	...	...	...	...	...
Malaria . . . . .	...	...	...	...	...	...	...
*Phthisis... ..	424	...	...	...	...	...	...
Totals ... ..	397	2	89	174	43	75	10

\*Not included in Totals. || Including one case notified by Manchester Health Dept.  
† Including one case admitted into Oldham Union from Royton when already suffering  
from Puerperal Fever. † Including one case admitted into Oldham Union from  
Chadderton when already suffering from Cerebro Spinal Fever. § Including one  
case admitted into Oldham Union from Royton when already suffering from Encephalitis Lethargica.

TABLE No. 20—Continued.

Cases of Infectious Disease notified during the Year, 1923.

NOTIFIABLE DISEASE.	TOTAL CASES NOTIFIED IN EACH LOCALITY.												
	Total No.	St. Mary's Ward	St. Peter's Ward	Werneth Ward	Westwood Ward	St. Paul's Ward	Coldhurst Ward	Hartford Ward	Hollinwood Ward	Clarksfield Ward	Mumps Ward	St. James' Ward	Waterhead Ward
Small-pox ...	...	...	...	...	...	...	...	...	...	...	...	...	...
Scarlet Fev'r	244	13	12	33	25	35	10	23	19	38	7	11	18
Diphtheria...	59	1	...	6	7	5	4	6	4	13	2	2	9
Enteric Fev'r	3	...	...	...	1	...	...	...	...	...	...	1	...
Puerperal Fever...	9‡	...	1	...	3	2	...	1	...	1	...	...	...
Cerebro Spinal Fever	1†	...	...	...	...	...	...	...	...	...	...	...	...
Acute Poliomyelitis	...	...	...	...	...	...	...	...	...	...	...	...	...
Encephalitis Lethargica	18§	...	1	3	2	2	2	3	...	...	...	2	2
Typhus Fev'r	...	...	...	...	...	...	...	...	...	...	...	...	...
Erysipelas...	63	6	3	6	13	13	6	1	2	6	3	...	4
Dysentery ..	...	...	...	...	...	...	...	...	...	...	...	...	...
Malaria ...	...	...	...	...	...	...	...	...	...	...	...	...	...
*Phthisis ...	424	...	...	...	...	...	...	...	...	...	...	...	...
Totals ...	397	20	17	48	51	57	22	34	25	58	12	16	33

\* Not included in totals.      || Including one case notified by Manchester Health Dept.  
 ‡ Including one case admitted into Oldham Union from Royton when already suffering from Puerperal Fever.  
 † Including one case admitted into Oldham Union from Chadderton when already suffering from Cerebro Spinal Fever.  
 § Including one case admitted into Oldham Union from Royton when already suffering from Encephalitis Lethargica.

TABLE No. 20—Continued.

NOTIFIABLE DISEASE.	NO. OF CASES REMOVED TO HOSPITAL FROM EACH LOCALITY												
	Total No.	St. Mary's Ward	St. Peter's Ward	Werneth Ward	Westwood Ward	St. Paul's Ward	Coldhurst Ward	Hartford Ward	Hollinwood Ward	Clarksfield Ward	Mumps Ward	St. James' Ward	Waterhead Ward
Small-pox ...	...	...	...	...	...	...	...	...	...	...	...	...	...
Scarlet Fev.	114	9	1	18	14	15	5	11	5	16	3	8	9
Diphtheria...	24	1	...	2	5	2	2	3	1	3	2	...	3
Enteric Fev.	1	...	..	...	1	...	...	...	...	...	...	...	...
Puerperal ,,	...	...	...	...	...	...	...	...	...	...	...	...	...
Cerebro Spinal ,,	...	...	...	...	...	...	...	...	...	...	...	...	...
Acute P'li'my'litis	...	...	...	...	...	...	...	...	...	...	...	...	...
Encephalitis Lethargica	1	...	...	..	1	...	...	...	...	...	...	...	...
Typhus Fev.	...	..	...	...	...	...	...	...	...	...	...	...	...
Erysipelas...	...	...	..	...	...	...	...	...	...	...	...	...	..
Dysentry ...	...	...	...	..	...	...	...	...	...	...	...	...	...
Malaria .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals ..	140	10	1	20	21	17	7	14	6	19	5	8	12

TABLE

SUMMARY OF CASES ADMITTED INTO WESTHULME

	1902		1903		1904		1905		1906		1907		1908		1909		1910		1911	
	Admitted	Died	Admitted	Died	Admitted	Died	Admitted	Died	Admitted	Died	Admitted	Died	Admitted	Died	Admitted	Died	Admitted	Died	Admitted	Died
Measles .....	26	6	18	2	7	...	7	..	7	1	8		53	8	13	...	64	3	14	1
Scarlet Fever	405	23	250	13	391	11	457	21	424	17	317	12	306	13	312	10	154	6	260	6
Doubtful																				
Scarlet Fe.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Scarlet Fe. & Diphtheria	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Scarlet Fe. & Measles ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Scarlet Fe. & Chick'n-pox	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diphtheria..	3	...	6	2	4	...	2	1	3	1	5	...	5	1	8	2	11	4	25	4
Diphtheria & Measles..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diphtheria & Phthisis.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Typhus .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Typhoid	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Fever.	22	7	33	8	56	13	34	7	18	3	12	2	30	9	20	2	27	8	25	1
Puerperal																				
Fever.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Erysipelas	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	1	1	1	3	...
Tuberculosis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chicken-pox	...	...	...	...	...	...	...	...	5	...	...	...	...	...	...	...	...	...	24	...
Chic'n-pox & Appendicitis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Whooping Cough ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Marasmus ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Malnutrition	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	456	36	307	25	458	24	500	29	457	22	342	14	394	31	355	15	257	22	351	12



o. 21.

HOSPITAL DURING THE YEARS 1902 TO 1923.

1912		1913		1914		1915		1916		1917		1918		1919		1920		1921		1922		1923	
Admitted	Died	Admitted	Died	Admitted	Died	Admitted	Died	Admitted	Died	Admitted	Died	Admitted	Died	Admitted	Died	Admitted	Died	Admitted	Died	Admitted	Died	Admitted	Died
21	1	...	...	47	7	6	1	18	2	19	2	17	...	36	...	8	..	4	...	64	10	10	
2	7	509	10	815	37	364	7	110	2	99	1	106	6	296	11	318	6	503	8	467	7	194	5
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	...	3	1
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...
20	5	22	9	46	9	37	6	76	20	32	4	52	9	71	9	87	16	72	6	67	12	53	12
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	1	..	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18	5	10		24	6	14	1	9	3	11	4	24	4	7	3	7	3	13	5	11	3	9	2
...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	1	...	1	...	5	...	2	...	4	...	2	...	2	...	3	...	1	...	...	...	...	...
...	...	...	...	105	20	127	22	131	23	162	29	153	28	147	25	114	28	99	22	105	28	94	18
10	...	4	...	..	..	..	...	...	...	1	...	9	...	9	...	6	...	5	..	2	...	14	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...
...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	1	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	3	...	7	3	13	1	...	...	...	...	2	...	36	...
1	18	546	19	1040	80	553	37	346	50	331	40	370	50	583	50	543	53	697	41	726	61	417	38

TABLE No. 22.

Showing the number of new Cases of Sickness coming to the knowledge of the Medical Officer of Health during the years 1891 to 1923.

Year.	Small-pox.	Scarlet Fever.	Diphtheria.	Typhus Fever.	Typhoid Fever.	Puerperal Fever.	Total Cases.
1891	...	238	29	...	112	4	383
1892	75	667	27	...	83	9	861
1893	416	442	25	...	70	9	962
1894	165	264	67	...	69	9	574
1895	137	216	70	...	109	5	537
1896	27	785	61	8	114	17	1,012
1897	...	332	38	2	86	10	468
1898	1	346	39	...	68	20	474
1899	2	822	71	...	92	11	998
1900	8	1065	94	...	72	21	1260
1901	2	679	56	...	40	18	795
1902	178	704	187	...	63	15	1147
1903	256	507	201	...	52	9	1025
1904	255	638	158	...	76	19	1146
1905	281	969	98	...	62	15	1425
1906	455	794	92	...	31	16	1388
1907	...	522	69	...	22	8	621
1908	...	597	89	...	39	21	746
1909	...	522	62	...	35	16	635
1910	2	217	50	...	24	14	307
1911	1	447	87	...	20	19	574
1912	...	366	49	...	18	10	443
1913	8	922	91	...	12	13	1,046
1914	4	1265	164	...	18	9	1,460
1915	22	530	86	...	11	10	659
1916	1	149	142	...	5	9	306
1917	...	129	51	..	5	11	196
1918	...	141	55	...	17	6	219
1919	...	436	118	...	5	14	573
1920	4	434	152	...	3	16	609
1921	4	725	106	...	10	12	857
1922	50	610	89	...	5	15	769
1923	...	244	59	...	3*	9†	315

\* Including one case notified by Manchester Health Department

† Including one case admitted into Oldham Union from Royton when already suffering from Puerperal Fever.

TABLE No. 23.

Summary of Cases treated in the Racefield and Strinesdale Hospitals during the years 1907 to 1923.

Hospitals.	1907	1908	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923
	Admitted. Died.	Admitted. Died.	Admitted. Died.	Admitted. Died.	Admitted. Died.	Admitted. Died.	Admitted. Died.	Admitted. Died.	Admitted. Died.	Admitted. Died.	Admitted. Died.	Admitted. Died.	Admitted. Died.	Admitted. Died.	Admitted. Died.	Admitted. Died.	Admitted. Died.
Racefield & Hartshead Oldham Cases	...	...	...	2...	1...	...	8...	4...	22...	1...	...	...	...	4...	1...	49...	...
Strinesdale....	...	...	...	*72 3	*68 4	*70 2	*110 1	*116 1	*99...	*87...	*65...	*79...	*73...	*76...	*76 1	*73 2	50...
Oldham Cases	.	...	...	74..	68...	67 2	103...	101 1	182...	76...	56..	57...	55...	74...	77.	122 2	48..
Out-Township Cases	...	...	...	...	...	3...	7...	15...	17...	11...	9...	22...	18...	6...	...	...	2...
Totals .....	...	...	...	74 3	68 4	70 2	110 1	116 1	99...	87...	65...	79...	73...	80...	77...	122 2	50...

\* Cases of Phthisis.

## CLOTHING, &amp;c., 1922-1923.

Articles.	Disinfected.		Destroyed.		Totals.	
	1922.	1923.	1922.	1923.	1922	1923.
Blankets .....	2215	1336	18	30	2233	1366
Sheets .....	1826	1011	13	28	1839	1039
Pillows .....	2176	1213	47	72	2223	1285
Bolsters .....	1133	642	16	23	1149	665
Quilts.....	1506	873	13	20	1519	893
Mattresses .....	5	15	30	37	35	52
Beds .....	1183	706	51	68	1234	774
Carpets .....	4	15	5	12	9	27
Rugs .....	18	22	1	8	19	30
Curtains.....	9	8	...	...	9	8
Clothes .....	1502	621	44	72	1546	693
Sundry Articles ...	465	102	77	118	542	220
Total ... ..	12042	6564	315	488	12357	7052

Total Houses Disinfected ... 605

,, Rooms ,, ... 1404



TABLE No. 24.

## HEALTH VISITORS' REPORT,

For Year ending December, 1923.

Total Number of Live Births	...	...	...	...	...	2608
„ „ Still Births	...	...	...	...	...	144
Notified by Midwives	...	...	...	...	...	1946
„ Parents and Doctors	...	...	...	...	...	499
Visits to Births	..	...	...	...	...	2567
„ Children under 1 year—Total Visits	...	...	...	...	...	5877
„ „ 1 to 5	...	...	...	...	...	7758
„ Infant Deaths...	...	...	...	...	...	254
„ Expectant Mothers'—First Visits...	...	...	...	...	...	398
„ „ „ Total Visits...	...	...	...	...	...	745
„ Ophthalmia	...	...	...	...	...	12
„ Puerperal Fever	...	...	...	...	...	9
„ Measles	...	...	...	...	...	156
„ Whooping Cough	...	...	...	...	...	805
„ Infectious Diseases (School Notification..	...	...	...	...	...	1745
„ Special Enquiries	...	...	...	...	...	271
Nuisances Reported to Inspector	...	...	...	...	...	40

TABLE No. 25.

SHOWING THE NUMBER OF WORKSHOPS REGISTERED,  
VISITS MADE, AND DEFECTS REMOVED.

No. of Workshops on Register December, 1922	...	...	...	571
„ „ Discontinued during 1923	...	...	...	1
„ „ Registered during 1923...	...	...	...	17
„ „ on Register December, 1923	...	...	...	587
„ Visits Paid	...	...	...	907
„ Notices Served	...	...	...	107
„ „ Complied	...	...	...	94

Nature of Defects.	Notices Served.	Notices Complied.
Dirty Workrooms	4	4
Damp, Defective Roof, &c.	12	12
Defective Ventilation	2	2
Defective Water Supply	1	1
Insufficient or no Closet Accommodation	17	17
Defective Closets	1	1
Closet Nuisances	55	44
Defective Drains	3	3
Dust Bins	3	3
Defective or Short Slop Pipes	...	...
Fire Escapes	8	6
Accumulations	...	...
Workshops Repaired	1	1
Defective Chimneys	...	...
Overcrowding	...	...

TABLE No. 26.

SHOWING THE NUMBER OF BAKEHOUSES REGISTERED,  
VISITS MADE, AND DEFECTS REMOVED.

No. of Bakehouses on Register, December, 1922	..	...	...	...	264
„ „ discontinued during 1923	...	...	...	...	1
„ „ registered during 1923	...	...	...	...	18
„ „ on Register, December, 1923	...	...	...	...	281
„ Visits paid	...	...	...	...	704
„ Notices served	...	...	...	...	12
„ „ complied	...	...	...	...	12

Nature of Defects.	Notices Served	Notices Complied
Bakehouses Unsuitable ... ..	2	2
Dirty Bakehouses ... ..	...	...
Damp, Defective Roof, etc. ... ..	5	5
Defective Ventilation ... ..	1	1
Defective Dustbins ... ..	3	3
Defective Slop Pipe .. ...	...	...
Blocked Drains ... ..	1	1
Defective Drains ... ..	...	...
Defective Chimneys... ..	...	...
Defective W.W. Closet .. ...	...	...

District	No. on Register	Where Baking is Done.					Kind of Oven Used.				
		Living Room	Living Room and Kitchen	Out Kitchen	Cellar	Bakehouse	Ordinary	Special Iron	Gas	Brick	Stove
No. 1 ... ..	61	16	10	6	9	20	15	46	8	2	0
„ 2 ... ..	64	9	9	13	6	27	11	56	9	1	1
„ 3 ... ..	63	5	18	13	3	24	3	51	10	7	1
„ 4 ... ..	41	8	4	13	3	13	5	35	9	0	0
„ 5 ... ..	52	8	7	5	2	30	11	42	9	2	1
Totals ...	281	46	48	50	23	114	45	230	45	12	3

TABLE No. 27.

RETAIL MILK SHOPS.

No. of Milk Shops on Register, December, 1922...	...	...	...	263
„          „          Discontinued during 1923	...	...	...	3
„          „          Registered          „      1923	...	...	...	64
„          „          on Register, December, 1923...	...	...	...	324
No. of Visits Paid	...	...	...	716
Visits to Ice Cream Vendors	...	...	...	205



TABLE No. 28.

Showing the number of Smoke Observations taken and Inspections of Mill Lodges made during the years 1922-1923.

Month ending		SMOKE OBSERVATIONS.		MILL LODGES INSPECTIONS.	
1922.	1923.	1922.	1923.	1922.	1923.
Jan. 21	Jan. 20...	70	71	27	23
Feb. 18	Feb. 17...	124	104	43	18
Mar. 18	Mar. 17...	126	89	31	21
Apr. 15	Apr. 14...	140	128	35	23
May 13	May 12...	125	137	36	27
June 10	June 9...	139	127	37	27
July 8	July 7...	107	156	37	47
Aug. 5	Aug. 4...	125	109	29	13
Sep. 2	Sep. 1...	87	81	28	32
„ 30	„ 29...	117	113	20	23
Oct. 28	Oct. 27...	101	110	28	35
Nov. 25	Nov. 24...	118	117	25	32
Dec. 23	Dec. 22...	73	138	20	42
Totals .....		1452	1480	396	363

TABLE No. 29.  
HALF-HOURLY SMOKE OBSERVATIONS,  
TAKEN DURING 1923.

Total Observations taken.	No Black Smoke.	Under 1 Minute.	One and Under 2 Minutes.	Two and Under 3 Minutes.	3 and 4, both inclusive.	Over 4 Minutes
1480	652	419	331	66	11	1
Percentage ...	44·00	28·31	22·36	4·45	0·74	0·07

TABLE No. 30.

LIST OF FIRMS REPORTED TO HEALTH COMMITTEE DURING THE YEAR 1923.

NAME OF MILL	Where Situated	No of Boilers	Length of Boilers	Diameter of Boilers	Coal Consumption Weekly	No. of Boilers Working	Nature of Appliances Fixed.	How disposed of
Hartford Sp'g Wk's	Featherstall Rd. S.	5	30	8 6	Tons 130	4	Broadbent Louvre Doors ..... (out of order)	Fined 40/-
Scottfield Mills ..	Scott Street.....	2	{ 30 28	7 6 7 0	39	2	None.....	Legal Notice Served
Newbreck Mill ...	Huddersfield Road	1	30	8 0	25	1	None .....	Fined 40/-
Doris Mill Co. (1920) Limited	Bradshaw Street...	2	26	6 0	26	2	None.....	Legal Notice Served

TABLE No. 31.  
SMOKE PROSECUTIONS DURING 1923.

No. of Firms Fined	Amount of Fine.	No. of times previously prosecuted.
1	40/-	Nil
1	40/-	Nil



TABLE No. 32.

NATURE OF SMOKE APPLIANCES IN USE IN THE  
BOROUGH OF OLDHAM, 1923.

Name of Appliances.	No. of Mills.	No. of Boilers.
Dyson & Williamson's Coking Machines...	1	3
Williamson's Auto-Coking do. ...	5	9
McDougall's do. ...	1	1
Proctor's do. ... ..	4	15
Meldrum Bros.' Forced Draught Furnace	1	1
Broadbent's Louvre Air Regulators... ..	9	31
Caddy's Tubular Bars ... ..	2	8
Yates & Thom's Rocking Bars ... ..	1	1
Butterworth's Sectional Bars ... ..	3	22
Hollow or Split Bridge Walls .. ..	3	8
Martin's Swing Doors ... ..	1	11
Sanger and Webster's Patent Air Regulators ... ..	7	22
British Smoke Preventor ... ..	2	6
Green's Smoke Consumer... ..	1	...
Thornton's Smoke Consumer ... ..	1	2
Johnson's Smoke Consumer ... ..	3	9
Benniss' Sprinkling Stoker ... ..	1	2
Superheaters ... ..	2	6
Courts Turners Engineering Co.'s Doors	1	4
TOTALS... ..	49	161

Where no Appliances are fixed—113 Mills ; 284 Boilers. There  
are also about 50 Workshop Chimneys not on books.

Number Electrified ... 6  
Partly Electrified ..... 6



SUMMARY.

					Visits paid.	Notices served.	Notices complied with.
Slaughter Houses	...	...	...		1790	—	—
Dairies	...	...	...	...	56	—	—
Cowsheds	...	...	...	...	103	—	—

DISEASED OR UNSOUND FOOD DESTROYED.

						Tons.	Cwts.	Qrs.	Lbs.
14 Oxen	...	...	...	...	...	3	16	1	2
11 Sheep	...	...	...	...	...	0	4	3	8
9 Pigs	...	...	...	...	...	0	12	3	20
Meat	...	...	...	...	...	2	15	0	4
Offal	...	...	...	...	...	4	4	1	26
Fish	...	...	...	...	...	0	8	2	18
Preserved Goods	...	...	...	...	...	0	19	0	1
36 Rabbits	...	...	...	...	...	0	1	1	14
Total						13	2	2	9

The following is a summary of diseased, etc., animals reported to, or found by the Meat Inspector during the year :—

Diseased Conditions.	No. Reported.	No. Found by Inspector.	Total.
Tuberculosis	42	37	79
Damaged or Over-kept Foods	25	13	38
Liver Flukes	—	177	177
Dropsy	2	—	2
Obstruction of Bowels	—	1	1
Pneumonia	7	1	8
Injured in transit	2	3	5
Actinomycosis	—	1	1
Jaundice	—	1	1
Puerperal Fever	5	—	5

## INSPECTORS' ANNUAL REPORT, 1923.

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Total Number of Reports of Nuisances and Notices Served...	3903
Total Number of Notices complied with ... ..	2788
Total Number of Notices complied with Order of Committee	756
Number of Complaints Received and Visited ... ..	745
Re-Inspection of Nuisances under Notice ... ..	14521
Number of Cases reported to Health Committee in 1923 ... ..	842
Number of Cases remaining unabated ... ..	86
Number of Cases dealt with by the Magistrates in 1923 ... ..	8

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House-to-House Inspection ... ..	3706
Total Number of Houses Inspected on Complaint... ..	872
Houses Repaired... ..	319
Visits to Cases of Infectious Disease ... ..	542
Visits to Cases of Tuberculosis... ..	107
Miscellaneous Visits ... ..	5286
Privies Inspected ... ..	16350
Letters written to Property Owners or Agents, &c. ... ..	163

NUISANCES.	Notices Served.	Notices Complied with
Dirty Houses ... ..	81	73
Damp, Defective Roof, &c.... ..	1118	1025
Defective Ventilation ... ..	200	188
Defective Cellars .. ...	15	15
Closet Nuisances ... ..	394	371
Defective Water Supply ... ..	111	111
Overcrowding ... ..	2	2
Unfit for Habitation ... ..	—	—



## HOUSES LET IN LODGINGS, 1923.

Number of Houses on Register, December, 1922	...	...	...	157
„ „ lapsed during 1923	...	...	...	2
„ „ registered during 1923	...	...	...	3
„ „ on register December, 1923	...	...	...	158
„ Rooms on register December, 1922	...	...	...	745
„ „ lapsed during 1923	...	...	...	4
„ „ registered during 1923	...	...	...	14
„ „ on register December, 1923	...	...	...	755
Visits paid	...	...	...	9516
Notices Served	...	...	...	214
„ complied with	...	...	...	208

NATURE OF DEFECTS	Notices Served	Notices Complied With
Broken Walls, Floors and Ceilings...	—	—
Overcrowding	—	—
Separation of Sexes	4	4
Dampness from defective Roof, etc.	40	35
Blocked and Defective Drains	8	8
Defective Slop-pipes	8	8
Dirty Walls, Floors, Ceilings, etc....	93	93
Defective Water Closets	5	5
Additional Closets provided	—	—
Accumulations of Refuse	9	9
Defective Dust-bin	16	16
Defective Ventilation	3	3
Other Defects	28	27
	214	208

DRAINAGE DEFECTS.	Notices Served.	Notices Complied with
Blocked Drains ... ..	445	433
Defective Drains... ..	121	119
Drain inlets untrapped or defectively trapped... ..	126	122
Slop Pipe, defective or improperly ventilated... ..	86	82
Defective Water Closets ... ..	125	122
Defective Waste Water Closets... ..	735	729
New Water Closets provided ... ..	101	56
New Waste Water Closets... ..	146	13
New Pail Closets... ..	7	1
Yards and Passages Repaired and Flagged ... ..	64	60
Accumulation of Offensive Matter ... ..	281	281
Manure Heaps... ..	22	22
Defective and Insufficient Dustbins ... ..	1164	1112

No. of Smoke or other Tests, 296.      No. of Houses Tested, 252.  
 No. of Defects found, 112.      575 yards of Channel Tiles and Drainage  
 Pipes have been laid or re-laid since the last Committee Meeting.  
                                          Traps fixed, 122.      Ventilating Grids, 2.  
                                          Houses connected with Main Sewer, 25.

VISITS TO VARIOUS PREMISES.	Visits Paid.	Notices Served.	Notices Complied with
Bakehouses ... ..	704	10	8
Pigsties ... ..	182	1	1
Tents, Vans, and Sheds ... ..	417	17	9
Houses let in Lodgings ... ..	9516	214	208
Offensive Trades ... ..	224	2	2
Mill Lodges ... ..	363	3	2
Ice Cream Vendors ... ..	205	—	—
Milkshops ... ..	716	1	1
Factories and Workshops ... ..	907	64	49
Shop Hours Act ... ..	—	—	—

# ABOLITION OF ASHPITS.

Number of Ashpits abolished during the year	...	...	...	...	172
do.	do.	since November 18th, 1909	...	...	7030
Number of Dustbins provided during the Year	...	...	...	...	542
do.	do.	since November 18th, 1909	...	...	17841

					£	s.	d.
Total Cost of 17625 Dustbins with Covers	...	...	...	...	6860	17	6
do.	216	do.	without Covers	...	64	5	6
					<hr/>		
Total Cost to date	...	...	...	...	6925	3	0
					<hr/>		

## CLEANSING DEPARTMENT, 1923.

Number of Ashpits in the Borough	...	...	...	...	...	804
Do. Ash Cans	do.	...	...	...	...	31534
Do. Sanitary Pans	do.	...	...	...	...	2001
Do. Water Closets	do.	...	...	...	...	8026
Do. Waste-water Closets	do.	...	...	...	...	24789
Do. Latrines	do.	...	...	...	...	2953
Do. Houses represented	...	...	...	...	...	37346
Do. Mills, Workshops, &c.	do.	...	...	...	...	590
Do. Churches, Schools, &c.	do.	...	...	...	...	235

### ASHES DEPARTMENT.

Number of Ashpits Emptied during the day	...	...	...	...	3673
Do. Ash Cans	do.	do.	...	...	1568112
Do. Loads of Ashes taken to Destructors	...	...	...	...	21612
Do. do. Corporation Tips	...	...	...	...	7221
Do. do. Other Tips	...	...	...	...	1046
Do. do. Clinker removed	...	...	...	...	...
Total No. of Loads removed	...	...	...	...	29879

### NIGHTSOIL DEPARTMENT.

Number of Sanitary Pans Emptied during the night	...	...	...	103972
Do. Cesspools, &c.,	do.	do.	...	...
Do. Collections of Butchers' Offal during the night	...	...	...	2709
Do. do. Fish Offal	do.	...	...	15290
Do. Loads of Excreta collected	...	...	...	1612
Do. do. Butchers' Offal collected	...	...	...	624
Do. do. Fish Offal collected	...	...	...	1204

### DESTRUCTORS.

Quantity of Ashes, Fish Offal and Garbage consumed :—						Tons	Cwt
Rhodes Bank Destructor	...	...	...	...	...	11058	3
Robin Hill	„	...	...	...	...	6453	13
Hollinwood	„	...	...	...	...	7359	1
Total	...	...	...	...	...	24870	17
Quantity of Mortar Sold :—						Tons	Cwt. qrs
Rhodes Bank Destructor	...	...	...	...	...	1408	2 2
Robin Hill	„	...	...	...	...	208	5 3
Hollinwood	„	...	...	...	...	849	8 3
Total	...	...	...	...	...	2465	17 0

### FLAG MAKING DEPARTMENT.

Quantity of Flags made, 1923	...	...	...	...	...	Sq. Yds.
Do. sold	...	...	...	...	...	11145
						14893

### HIGGINSHAW DEPOT.

Number of Loads of Shoddy Dirt Received	...	...	...	...	209
Do. Tons of Shoddy Manure Sent out by Rail	...	...	...	...	768